CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER: 75-256

PRINTED LABELING

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Desogestrel and Ethinyl Estradiol Tablets

Geclic Tablet Dispensers x 2.1 Tablets A Regimes

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6 Cyclic Tablet Dispensers x 21 Tablets

21 Day Regimen

NDC 51285-575-21

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg

IMPORTANT:

This caron content Detailed Patient Labeling and each Cyclic Tables Dispressor contains the Brief Patient Labeling, Both should be included with each conducte dispressed to the parient.

PHARMACIST:

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6 Cyclic Tablet Dispensers x 21 Tablets

21 Day Regimen

NDC 51285-575-21

Desogestrel and Ethinyl Estradiol Tablets

0.15mg/0.03mg

I} only

THIS PRODUCT (LIKE ALL ORAL CONTRACEPTIVES) IS INTENDED TO PREVENT PREGNANCY. IT DOES NOT PROTECT AGAINST HIV INFECTION (AIDS) AND OTHER SEXUALLY YRANGMITTED DISEASES. 6 Cyclic Tablet Dispensers x 21 Tablets 21 Regimen

NDC 51285-575-21

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg

Each rose-colored tablet contains
0.15 mg desogestrel and 0.03 mg ethinyl estradiol.

Usual Dosage:
One tablet daily as prescribed. See package insert.

6 Cyclic Tablet Dispensers x 21 Tablets Regime

NDC 5128S-575-21

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg



Storage: Store at controlled room temperature 15°-30°C (59°-86°F).

> DURAMED PHARMACEUTICALS, INC. CINCINNATI, OHIO 45213 USA

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Exp. Date



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R Curlic Tablet Nicnencure v 28 Tablete

28 Day Regimen

NDC 51285-576-28

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg

IMPORTANT:

This carron common Desarted Passess Labeling and each Cyclic lables.

Dispensive contains the Brief Passess Labeling, Both should be included with
another information to the serient.

PHARMACIST:

Please for some so place one of the enclosed "Attention" stickers on the cover of each bliner chall couch at the time of discussive.

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6 Cyclic Tabled Physicsers x 28 Tablets 20 Regime

AUG / 2 1999 NDC 51285-576-28

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg

I} only

THIS PRODUCT (LIKE ALL ORAL CONTRACEPTIVES) IS INTENDED TO PREVENT PREGNANCY. IT DOES NOT PROTECT AGAINST HIV IMPECTION (AIDS) AND OTHER SEXUALLY TRANSMITTED DISEASES.

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6 Cyclic Tablet Dispensers x 28 Tablets

28 Day Regime

6 Cyclic Tablet Dispensers x 28 Tablets

28 Day Regimen

NDC 51285-576-28

Desogestrel and Ethinyl Estradiol Tablets

0.15 mg/0.03 mg

Desogestrel and Ethinyl Estradiol Tablets

NDC 51285-576-28

0.15 mg/0.03 mg

I} only

Storage: Store at controlled room temperature 15°-30°C (59°-86°F).

DURAMED PHARMACEUTICALS, INC. CINCINNATI, OHIO 45213 USA

C00286

ISS. 04/99

Each white tablet contains inert ingredients.

Usual Desage:

Each rose-colored tablet contains

0.15 mg desogestrel and 0.03 mg ethinyl estradiol.

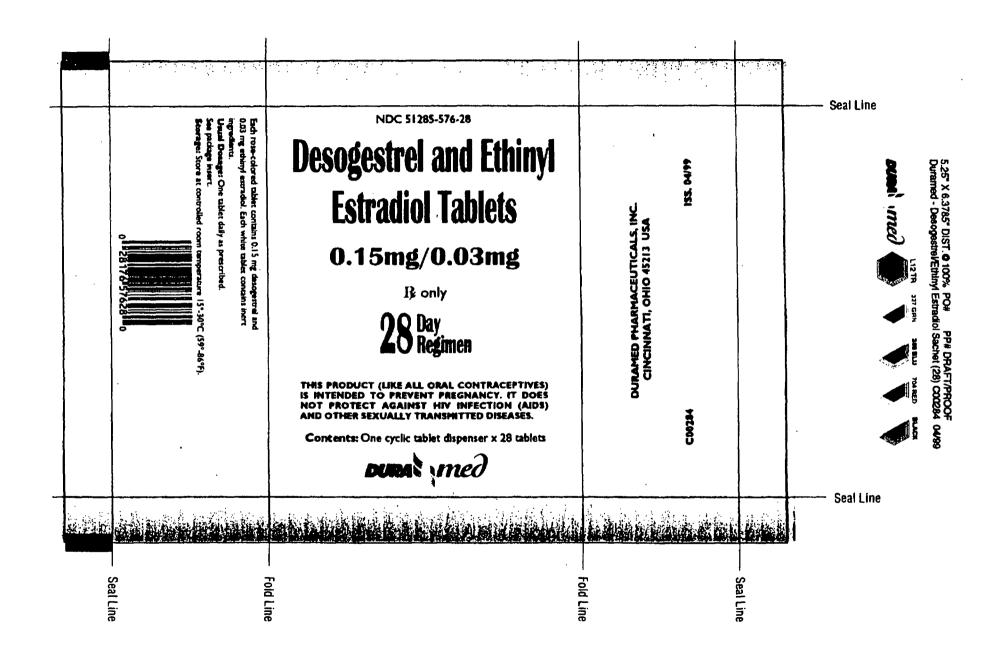
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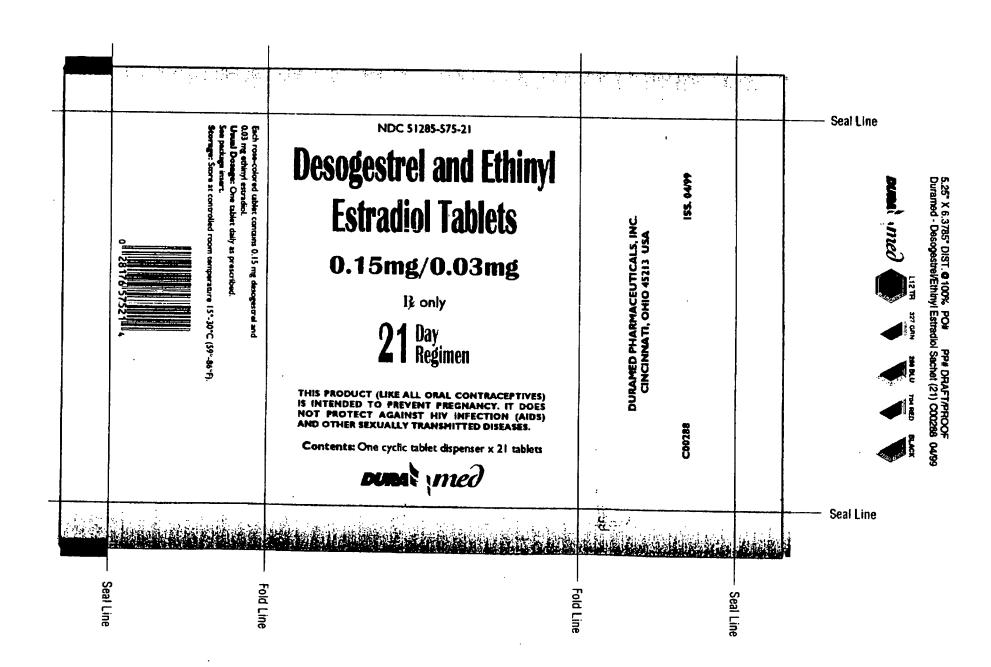


Lot No.:

Exp. Date:







3.872" X 2.494" DIST. © 100% PO# PP# DRAFT/PROOF Duramed - Desotrol Dispenser Card (28) C00283 04/99 JGF







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3.872" X 2.494" DIST. @ 100% PO# PP# DRAFT/PROOF Duramed - Desotrol Dispenser Card (21) C00287 04/99 JGF

pund med



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Week 3			\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
				·	. 41.60		
	Total			1	106	1,2,19	4

Brief Summary Patient Package Insert

Desogestrel and Ethinyl Estradiol Tablets B only 21 Day Regimen

THIS PRODUCT (LIKE ALL GRAL CONTRACEPTIVES) IS INTENDED TO PREVENT PREGNANCY, IT DOES NOT PROTECT AGAINST HIV INFECTION (AIDS) AND OTHER SEXUALLY TRANSMITTED DISEASES.

MON TUE WED THU FRI SAT SUN TUE WED THU FRI SAT SUN MON WED THU FRI SAT SUN MON TUE THU FRI SAT SUN MON TUE WED FRI SAT SUN MON TUE WED THU " SAT SUN MON TUE WED THU FRI

21 Day Regimes Blister Cord: Contains 21 round rose-colored tablets in a blister can disched to a "credit card" dispenser. Each rose-colored label contains 0.15 mg desogestrel and 0.03 mg ethinyl estradiol.

Oral contraceptives, also known as "birth control pills" or "the pill," are taken to pre-vern pregnancy, and when taken correctly, have a failere rate of about 1% per year when used without messing any pills. The typical teriture rate of large numbers of pill users is less than 3% per year when women who mass pills are included. For most women, oral contraceptives are also free of senious or unpleasant side effects. However, longetonig to take pills considerably increases the chances of pregnancy.

For the majority of women, oral confraceptives can be taken salely. But there are some women who are at high risk of developing certain sensus dates as the continue are some women who are at high risk of developing certain sensus diseases that can be life-timatering or may cause temporary or permanent disability. The risks associated with lating oral contraceptives morease significantly if you:

Smoke

- have high blood pressure, diabetes, trian cholesterol
- have or have had clotting disorders, heart attack, stroke, anging pectons, cancer of the breast or sex organs, joundice or malignant of benign liver

Although cardiovascular disease risks may be increased with oral comfraceptive use after age 40 in healthy, non-smoking woman (even with the newer low-dose formu-lations), there are also greater potential health risks associated with pregnancy in

You should not take the pill if you suspect you are pregnant or have unexplained

Ciparette smoking lecrosses the risk of serious cordiovascular side effects from oral contraceptive use. This risk increases with age and with heavy smoking (15 or more ciparettes per day) and is quite meritad in women over 35 years of age. We m who are oral contraceptives are strongly advised not to

Most side effects of the pill are not serious. The most common such effects are nausea, vomiting, bleeding between menstrual periods, weight gain, breast tenderness, headache, and difficulty wearing contact lenses. These side effects, especially nausea and vomiting, may subside within the first three months of use.

The serious side effects of the pill occur very intriguently, especially if you are in good health and are young. However, you should know that the following medical conditions have been associated with or made worse by the pill:

Blood clots in the less (thrombophilethis) or lungs (patimonary embolism), stoppage or rupture of a blood wessel in the prain (stroke), blockage of blood clots in the large (thrombophilethis) or another provided in the prain (stroke).

- subjects in the heart (heart attack or angina pectors) or other origins of the body. As mentioned above, smoking increases the risk of heart attacks and strokes, and subsequent serious medical consequences.

 Liver turnors, which may rupture and clause server bleeding. A possible but
- not definite association has been found with the pill and lever cancer. However, liver cancers are extremely rare. The chance of developing liver cancer from
- using the pill is thus even rarer. High blood pressure, although blood pressure usually returns to normal when the pill is stopped.

The symptoms associated with these serious side effects are discussed in the detailed patient labeling given to you with your supply of pills. Notify your doctor or clinic if you notice any unusual physical disturbances while taking the pill. In addi-tion, drugs such as rifampin, as well as some anticonvulsants and some antibiotics may decrease oral contraceptive effectiveness.

There is conflict among studies regarding breast cancer and oral contraceptive use. Some studies have reported an increase in the risk of developing breast cancer, par-budanty at a younger age. This increased risk appears to be related to duration of use. The majority of studies have found no overall increase in the risk of developing.

sea, vomitting, bloeding between menstrual periods, weight gain, breast tenderiess handlecke, and difficulty warring contact larges. These side effects, aspecially paules and vomitting, may subside within the first three months of use.

The serious side effects of the pill occur very introquently, especially if you are in good health and are young. However, you should know that the conditions have been associated with or made worse by the pill:

- Blood closs in the legs (innombophishess) or lungs (palmorsary embopsam), stoppage or rupture of a blood vessel in the brain (stroke), blockage of blood vessels in the heart (heart stlack or anging pectors) or other organs of the body. As memboned above, smoking increases the risk of heart attacks and strokes, and subsequent serious medical consequences.
- Einer tumors, which may rupture and cause severe bleeding. A possible but not definite association has been found with the pill and liver cancer. However, liver cancers are extremely rate. The chance of developing liver cancer from using the pill is thus even rarer.
- High blood pressure, atthough blood pressure usually returns to normal when the pill as stopped.

The symptoms associated with these senous side effects are discussed in the detailed patient labeling given to you with your supply of pits. Notify your doctor or chinc if you notice any situated physical disturbances while taking the pit. In addition, drugs such as withmin, as well as some articonvulsants and some artitiotics may decrease oral contraceptive effectiveness.

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Taking the pill provides some important non-contraceptive benefits. These include less paintin menstruation, less menstrual blood loss and anemia, tewer pelvic infec-tions, and tower cancers of the overy and the immig of the uterus.

tions, and tower cancers of the overy and the lining of the uterus. Be sure to discuss any medical condition you may have with your doctor or clinic. Your doctor or clinic will take a medical and family history before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and your doctor or clinic believes that it is a good med-scal practice to postpone it. You should be reasonned at least once a year while tak-ing oral contraceptives. The detailed patient information labeling gives you further information which you should read and discuss with your doctor or clinic. THIS PRODUCT (LIKE ALL DIRAL CONTRACEPTIVES) IS INTEREDED TO PREVENT PRESINAICY. IT DOES BUT PROTECT AGAINST TRANSMISSION OF HIV (ADD). AND OTHER SECIMALLY TRANSMITTED DISCASES SUCH AS CHAMYDIA, GENTAL HERPES, GENITAL WARTS, GONORRIMEA, HEPATITIS 8, AND SYPHILIS.

HOW TO TAKE THE PILL.

REFORE YOU START TAKING YOUR PILLS:

- BE SURE TO READ THESE DIRECTIONS:
 Before you start laturg your pilts.
 Anyone you are not sure what to do.
 THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT THE

- THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT THE SAME TIME.

 If you miss pills you could get pregrant. This includes starting the pack late. The more pills you miss, the more likely you are to get pregnant. The more pills you miss, the more likely you are to get pregnant.

 MANY WOMEN HAVE SPOTTING OR LIGHT BLEEDING, OR MAY FEEL SICK TO THEIR STOMACH DURING THE FIRST 1-3 PAKES OF PILLS.

 If you seel sick to your stomach, do not stop taking the pill. The problem with usually go away, if it doesn't go away, check with your doctor or clinic.

 MISSING PILLS CAN ALSO CAUSE SPOTTING OR LIGHT BLEEDING, even when you make up these missed pills. On the days you take 2 pills to make up for missed polls, you could also feel a fill sick to your stomach.

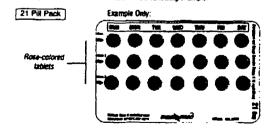
 IF YOU HAVE YOMITING OR DIARRIEA, for any reason, or FYOU TAKE SOME MEDICINES, including some antibiotics, your pills may not work as weel.
- - Use a back-up method (such as condoms, foam, or sponge) until you check
- With your doctor or clinic.
 IF YOU MAYE TROUBLE REMEMBERING TO TAKE THE PILL, talk to your doc-THE THE THE PROPERTY OF THE PIECE SOUTH OF THE PIEC

SEFORE YOU START TAKING YOUR PILLS:

- DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL. It is important
- to take it at about the same time every day.

 LOOK AT YOUR PILL PACK TO SEE THAT IT HAS 21 PILLS.

 The 21-eff least has 21 "active" [ross-colored] pilks (with hormones) to take for 3 weeks, followed by 1 week without pilks.
- for 3 weeks, however by 1 week wemout plas.
 ALSO FIAID.
 1) where on the pack to start taking the plass
 2) in what order to take the pills (follow this arrows) and
 3) the week rumbars as shown in the tollowing example:



BE SLIRE YOU HAVE READY AT ALL TIMES. ANOTHER KIND OF BIRTH CONTROL (such as condoms, loam, or sponge) to use as a backup in case you miss pills. AN EXTRA, FULL PILL PACK.

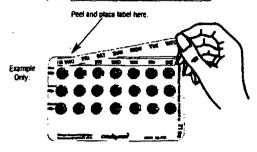
WHEN TO START THE FIRST PACK OF PILLS:

You have a choice of which day to start fating your first pack of pits. Decide with your doctor or clinic which is the best day for you. Pick a time of day which will be ABSY to remi

BAY 1 START:

- Pack the day label strip that starts with the first day of your period (thus is the day you start bleeding or spotting, even if it is amount midnight when the bleeding begins)
 Place this day label ating on the cycle tablet dispenser card, over the area
- that has the days of the week (starting with Sunday) printed on the dispens-

Pick correct day label THU FRI SAT SUN MON TUE WED



- Note: If the first day of your beriod is a Sunday, you can also stens #1 and #2. Take the first "active" [rose-colored] pill of the first pack during the first 24 hours of your period.
- You will not need to use a back-up method of birth control, since you are starting the pill at the beginning of your period.

SUMMAY START

- 45 Line HORIGIE Metition of

- Take the first "active" [rose-colored] pill of the first pack on the Sunday after your period starts, even if you are stall bleeding. If your period begins on Sunday, start the pack that same day.
- tise another method of birth control as a back-up method if you have sex any-time from the Sunday you start your first pack until the next Sunday (7 days). Condoms, foam, or the sponge are good back-up methods of birth control.

- WHAT TO DO CURNIG THE MONTH:

 1. TAKE ONE PILL AT THE SAME TIME EVERY DAY UNTIL THE PACK IS EMPTY. Do not skip pilts even if you are spotting or bleeding between monthly pen-ods or feel sick to your stomach (nausea).
- Do not skip gifts even if you do not have sex very often. WHEN YOU FINISH A PACK OR SWITCH YOUR SRAND OF PILLS:
- Walt 7 days to start the next pack. You will probably have your period during that week. Be sure that no more than 7 days pass between 21-day packs.

WHAT TO DO IF YOU MISS PILLS:

- If you 8033 ? [rose-colored] "active" pil:

 1. Take it as soon as you remember. Take the next pili at your regular time. This means you take 2 pills in 1 day.
 You do not need to use a back-up birth control method if you have sex
- ISSS 2 [rose-colored] "active" pills in a row in WEEK 1 OR WEEK 2 of your pack:
- Take 2 pills on the day you remember and 2 pills the next day. Then take 1 pill a day until you finish the pack.
- You MAY BECOME PREGNANT & you have sex in the Z days after you miss
- You MUST use another birth control method (such as condoms, foam, or sponge) as a backup method for those 7 days.
 If you MISS 2 (rose-colorad) "active" pilts in a row in THE 3RD WEEK:

- O MIGHE 2 (COSH-COURTED) active parts in a row in THE BALL WEEK! If you are a Day 1 Starter:
 THROW OUT the rest of the pill peck and start a new pack that same day.
 If you are a Samily Starter;
 Keep taking 1 pill every day until Sunday.
 On Sunday, THROW OUT the rest of the pack and start a new pack of pills that
- You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because you
- might be pregnant.
 You MAY BECOME PREGNANT if you have sex in the 7 days after you miss pdfs. You MUST use another birth control method (such as condoms, toam, or sponge) as a back-up method for those 7 days.
- If you MISS 3 OR MORE (rose-colored) "active" pilts in a row (during the first 3 weeks):

 1. If you are a flay 1 Starter:
 - THROW OUT the rest of the pill pack and start a new pack that same day.
 - If you are a Sunday Starter: Keep taking 1 pili every day until Sunday.

 - On Sunday, THROW OUT the rest of the pack and start a new pack of pills that
- You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because you 2
- You MAY BECOME PREGNANT if you have sex in the Z there after you miss pits. You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU HAVE

MESSED:
Use a BACK-UP METHOD anytime you have sex.
MEEP TAKING ONE [ROSE-GOLORED] "ACTIVE" PILL EACH DAY until you can

Sunday, start the pack that same day.

Lise another memod of birth control as a back-up method if you have sex anytime from the Sonday you start your first pack until the next Sanday (7 days). Condoms, foam, or the sponge are good back-up methods of birth control.

WHAT TO DO DURING THE MONTH:

TAKE ONE PILL AT THE SAME TIME EVERY DAY BITTIL THE PACK IS EMPTY.

Do not skip pills even if you are sporting or bleeding between monthly perods or teel sick to your stornach (nausea).

Do not stop pits even if you do not have sex very often.
WHELE YOU FURSH A PACK OR SWITCH YOUR BRAND OF PILLS:
Wait 7 days to start the next pack. You will probably have your period during that week. Be sure that no more than 7 days pass between 21-day packs.

WHAT TO DO IF YOU MISS PILLS:

- If you MES\$ 1 [rose-colored] "active" pill:

 1. Take it as soon as you remember. Take the next pill at your regular -time This means you take 2 pills in 1 day.
 You go not need to use a back-up birth control method if you have sex.

You do not need to use a back-up own common method if you nave sex.
 Take 2 pills on the day you immember and 2 pills the next day.
 Then take 1 pill a day omit you finish the pack.
 You MAY BECOME PREGNANT if you have sex in the 7 days after you miss.

pills.
You MILST use another birth control method (such as condorns, foam, or sponge) as a backup method for those 7 days.
If you MILSS 2 [rose-colored] "active" pills in a row in THE 2RD WEEK:

If you are a Day 7 States.
THIOW OUT the rest of the pill pack and start a new pack that same day.
If you are a Sanday States.
Keep taking 1 pill every day until Sunday.
On Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day.

- same cay. You may not have your period this month but this is expected. However, if you mms your period 2 months in a row, call your doctor or clinic because you
- miss your period 2 months in a row, call your doctor or clinic because you might be pregnant.

 3 You MAY BECDIAL PREGNANT if you have sex in the 7 degg after you miss pills. You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

 If you MESS 30 MIGNE [nost-colored] "active" pills in a row (during the first 3 weeks):

 1. If you are a Day 1 Stanter.

 THROW OUT the rest of the pill pack and start a new pack that same day.

 If you are a Senatery Stanter.

 Keep taking 1 pill every day until Sunday.

 Dis Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day.

- You may not have your period this month but this is expected, However, if you miss your period 2 months in a row, call your doctor or clinic because you
- might be pregnant.

 You MAY BECOME PREGNANT if you have sex in the <u>7 days</u> after you miss pills. You MUST use another both control method (such as condoms, loarn. or sponge) as a back-up method for those 7 days.

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU MAYE

Use a BACK-UP METHOD anytime you have sex
KEEP TAKING ONE [ROSE-COLORED] "ACTIVE" PILL EACH DAY until you can reach your doctor or clinic

DURAMED PHARMACEUTICALS, INC. CHECKNATI, OHIO 45213 USA

MC258

125, 84/99

Brief Summary Patient Package Insert

Desogestrel and Ethinyl Estradiol Tablets R only 28 Day Regimen

THIS PRODUCT (LIKE ALL GRAL CONTRACEPTIVES) IS INTERDED TO PREVENT PRECHARCY. IT DOES NOT PROTECT AGAINST HIV INFECTION (AIDS) AND OTHER SECURALLY TRANSMITTED DISEASES.

MON TUE WED THU FRI SAT SUN TUE WED THU FRI SAT SUN MON WED THU FRI SAT SUN MON TUE THU FRI SAT SUN MON TUE WED FRI SAT SUN MON TUE WED THU SAT SUN MON TUE WED THU FRI

28 (key Regisses Bibdsy Card: Contains 21 round rose-colored tablets and 7 round white tablets in a bistor card attached to a "credit card" dispenser. Each rose-colored tablet contains 0.15 mg desogestrel and 0.03 mg ethinyl estradiol. Each white tablet contains inert argradients.

Drai contraceptives, also known as "birth control pits" or "the pit," are taken to pre-vert programcy, and when taken correctly, have a tadure rate of about 1% per year when used without missing any pits. The typical faiture rate of large numbers of pit users is less than 3% per year when women who miss pits are included, for most women, and contraceptives are also free of senous or unpleasant aide effects. However, forgetting to take pitts considerably increases the chances of pregnancy.

For the majority it women loral contracestives can be taken safely. But there are some women who are at high risk of developing cartain serious diseases that can be tre-treatment or may cause bemotrary or permanent disability. The risks associated with taking oral contracestives increase significantly if you:

a 3 to 74 550mg

- ensure:

 have high blood pressure, diabetes, high cholesterol

 have nor have had cititing disorders, heart attack, stroke, angma pectoris,
 cancer of the brazst or sex organs, jaundice or matignant or benign liver
 tumors

Although cardiovascular disease risks may be increased with oral contraceptive use after upo 40 in healthy, non-smoking women (even with the newer low-dose for-mulations), there are also greater potential health risks associated with programcy in older wome

You should not take the pill if you suspect you are pregnant or have unexplained

Coprose smaking increases the risk of serious cardiovascoiar side offacts from east continuently ass. This risk increases with age and with heavy smaking (15 or more objectives per along and on the property method in memor acre 25 years of age. Women who use and contracypivits are strongly advand not

- Most sale effects of the pill are not serious. The most common such effects are rausas, vomiting, bleeding between menstruat periods, weight gain, breast tenderes, headache, and difficulty wearing contact tenses. These side effects, especially reusal vomiting, may subside within the first three months of ese. The serious side effects of the pill occur very infrequently, especially if you are in good health and are young, However, you should know that the following medical conditions have been associated with or made worse by the pill:

 1. Blood clots in the least (thromosphishists) or timps (potenorary embolism), stoppage or rupture of a blood vessel in the brain (stroke), blockage of blood vessels in the heart (heart attack or amgna pectoris) or other organs of the body. As mentioned above, snoking increases the risk of heart attacks and strokes, and subsequent serious medical consequences.

 2. Liver tumors, which may rupture and cause severe bleeding. A possible but not definite association has been found with the pill and liver cancer from using the pill is thus even rater.

 3. High blood pressure, adthough blood pressure usually returns to normal when the pill is stopped.

The symptoms associated with these serious side effects are discussed in the detailed patient labeling given to you with your supply of pills. Notify your doctor or clinic if you notice any unusual physical disturbances while taking the pill, in addi-tion, drugs such as rifemple, as well as some anticonvulsaries and some antibioses may decrease oral contracestive effectiveness.

may occritiste onto contracoptive entertrements. There is conflict among studies regarding breast cancer and oral contraceptive use. Some studies have reported an increase in the risk of developing breast cancer, particularly at a younger age. This increased risk appears so be related to duration of use. The majority of studies have found no overall increase in the risk of developming breast cancer. Some studies have found an increase in the incidence of cancer and present cancer in the risk of development of the studies have found an increase in the incidence of cancer and present cancer.

Lawer barrows, which may replace and cause severe bleeding. A possible but not definite association has been found with the pill and tiver cancer However, liver cancers are accommany are. The chance of developing liver cancer from using the pill is thus even tiger.

The symptoms associated with these senious side effects are discussed in the desired patient jabeling given to you with your supply of pits. Notify your doctor or chinc if you notice any unusual physical disturbances while taking the pit. In addition, drugs such as interespin, as well as some anticonvelsants and some anticoloci

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Taking the pill provides some important non-contraceptive benefits. These include less painful mensituation, less mensitual blood less and anemia, tewer pelvic intec-tions, and lewer causers of the overy and the immg of the uterus.

tions, and lower caucars of the overy and the traing of the utbrus.

Be sure to discuss any medical condition you may have with your doctor or clinic. Your doctor or clinic will take a medical and tensiv history before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and your doctor or clinic between that it is a good medical practice to pustpoin it. You should be reexamined at least once a year white taking oral contraceptives. The delayed partie information labeling gives you further information which you should read and discuss with your doctor or clinic. THIS PRODUCT (LIKE ALL STALL CONTRACEPTIVES) IS SITTEMED TO PREVENT THE PRESIMENT, IT DOES IN SITTEMED TO PREVENT AGAINST THANSMITTED RESEARCH SUCH AS CALLANTINA, GENITAL MERPES, CENTIAL WARTS, COMMINISE, MEDATITIES 8, AND SYPELES.

HOW TO TAKE THE FILL. IMPORTANT POINTS TO REMEMBER.

REFORE YOU START TAKING YOUR PILLS:

- BE SURE TO READ THESE DIRECTIONS:
- Before, you start taking your pills.
 Anytime you are not sure what to do.
 THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT
 THE SABE TIME.
- THE SAME TIME.

 If you make pills you could get prognant. This includes starting the pack tate. The more pills you miss, the more likely you are to get prognant.

 MANY WOMEN HAVE SPOTTING OR LIGHT BLEEDING. OR MAY FEEL SICK TO THEIR STOMACH DURING THE FIRST 1-3 PACKS OF PILLS. If you feel such to your stomach, do not stop taking the pill. The problem will usually go away, it is doesn't go away, check with your doctor or clinic. MISSING PILLS CAN ALSO CAUSE SPOTTING OR LIGHT BLEEDING, even when you make up these missed pills. On the days you take 2 pills to make up for missed pills, you could also the a lable sick to your stomach. If YOU HAVE YOMITING OR DIARRHEA, for any reason, or If YOU TAKE SOME MEDICINES, including some ambiboolics, your pills may not work as well.
- - Use a back-up method (such as condoms, toam, or sponge) until you check
- with your doctor or clinic.

 IF YOU HAVE TROUBLE REMEMBERING TO TAKE THE PILL. talk to your doctor or clinic about how to make pill-taking sessior or about using another method of both control.

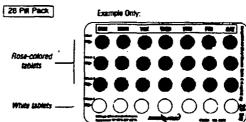
 IF YOU HAVE ANY QUESTIONS OR ARE UNSURE ABOUT THE INFORMATION IN THIS LEAFLET, call your doctor or clinic.

BEFORE YOU START TAKING YOUR PILLS:

- DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL. It is important
- to take it at about the same time every day.

 LOOK AT YOUR PILL PACK TO SEE THAT IT HAS 28 PILLS:
 The 28-eth pack has 21 "active" (rose-colored pills (with hormones) to take for 3 weeks, followed by 1 week of reminder (white) pills (without hormones).
- - ALSO FIND:

 1) where on the peck to start taking the pills.
 - in what order to take the pills (follow the arrows) and
 the week numbers as shown in the following example



BE SURE YOU HAVE READY AT ALL TIMES ANOTHER KIND OF BIRTH CONTROL (such as condoms, foam, or sponge) to nes as a harketh in case vinu mess bills. AN EXTRA, FULL PILL PACK

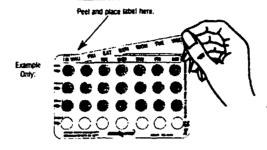
WHEN TO START THE ENGT PACK OF PILLS:

You have a choice of which day to start taking your first pack of pills. Decide with your doctor or clinic which is the best day for you. Pick a time of day which will be

DAY 1 START:

- Pick the day label strip that starts with the first day of your period (thus is the day you start bleeding or spotting, even if it is aimost midnight when the
- bleading begins).
 Place this day label strip on the cycle liablet dispenser card lover the larea that has the days of the week (starting with Sunday) printed on the dispens-

Pick correct day laber THU FRI SAT SUN MON TUE WED



- Note: If the first day of your period is a Sunday, you can skip steps #1 and #2. Take the first "active" (rose-colored) pill of the first pack during the first 24 hours of your period.
- You will not need to use a back-up method of birth control, since you are starting the pill at the beginning of your period

SUNDAY START:

- Take the first "active" (rose-colored) pill of the first pack on the <u>Sunday after</u> your period starts, even if you are still bleeding. If your period begins on Sunday, start the pack that same day.
- Lise another method of birth control as a back-up method if you have sex anytime from the Sunday you start your first pack until the next Sunday (7 days). Condoms, team, or the sponge are good back-up methods of brith control

WHAT TO GO DURING THE MONTH:

- TAKE ONE PILL AT THE SAME TIME EVERY DAY UNITIL THE PACK IS EMPTY. Do not skip pills even if you are spotting or bleeding between monthly pen-ods or feel sick to your stomach (nausea).
- On not skip pills even if you do not have sex very often.
 WHEN YOU FRIESH A PACK OR SWITCH YOUR BRAND OF PILLS: Start the next pack on the day after your tast "reminder" pill. Do not wait any days between packs.

WHAT TO DO IF YOU MISS PILLS:

- If you MISS 1 (rose-colored) "active" pill:

 1. Take it as soon as you remember. Take the next pill at your regular time. This means you take 2 pels in 1 day.

 2. You do not need to use a back-up birth control method if you have sex. If you MISS 2 (rose-colored) "active" pills in a row in WEEK 1 OR WEEK 2 of your pack.

 1. Take 2 pills on the day you remember and 2 pills the next day.

- Then take 1 pill a day until you finish the pack.
 You MAY BECOME PREGNANT if you have ser in the 7 days after you miss You MUST use another birth control method (such as condoms, foam, or
- sponge) as a backup method for those 7 days.
 If you MISS 2 (rose-colored) "active" pitts in a row in THE BRD WEEK.
- - If you are a Day 1 Statier:
 THROW OUT the rest of the pill pack and start a new pack that same day.
 - If you are a Sunday Starter:
 - Keep taking 1 oil every day until Sunday
 - On Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day.
- You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because you
- might be pregnant. You MAY BECOME PREGNANT if you have sex in the <u>7_days</u> efter you miss pits. You MUST use another birth confirst method (such as condoms, foam, or sponge) as a back-up method for those 7 days.
- or spongly as a bitter-up memod for blose / days.

 If you MESS 3 OR MIDRE [rose-colored] "active" pitts in a row (during the first 3 weeks):

 1. If you are a Bay 1 Starter:

 THROW OUT the rest of the pill pack and start a new pack that same day.

 If you are a Sander Starter:

 Keep taking 1 pill every day until Sunday.

 On Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day
- You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because you
- might be pregnant.
 You MAY BECOME PREGNANT if you have sex in the 2 days wher you miss pills. You MRIST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

A REMINDER FOR THOSE ON 28-DAY PACKS:

If you longet any of the 7 [white] "reminder" pitts in Week 4: THROW AWAY the pitts you missed. Keep taking 1 pill each day until the pack is empty. You do not need a back-up method

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU HAVE MIRRE

Use a BACK-UP METHOD anytime you have sex used toward meteors of the control of t

- your period starts, even if you are stall beeding. If your period degriss or Sunday, start the peck that same day.

 Lise another method of birth control as a back-up method if you have sex any-
- time from the Sunday you start your test pack until the next Sunday (7 days).
 Condoms, foam, or the sponce are good back-up methods of birth control

WHAT TO DO DURING THE MONTH:

- IT TO DO DUMBLE THE MICHTH:

 TAKE ORE PILL AT THE SAME TIME EVERY DAY UNTIL THE PACK IS EMPTY.

 Do not skip pills even if you are spotting or obecang between monthly genous or feel suck to your stomach (nausea).

 Do not skip pills even if you do not have sex very often.

 WHEN YOU FRIENS A PACK OR SWITCH YOUR BRAND OF PILLS:

 Start the next pack on the day after your last "remander" pill Do not wast any

WHAT TO DO IF YOU MISS PILLS:

- 1. Take it as soon as you remember. Take the next pill at your regular time 1. Take 0 as soon as you remember, used the freet pair at your requisit time. This means you take 2 pits in 1 day.
 2. You do not need to use a back-up birth control method if you have sex. If you MISS 2 [rose-colored] active? pits in a row in WEEK 1 OR WEEK 2 of your pack.

 1. Take 2 pits on the day you remember and 2 pits the next day.

 2. Then take 1 pitl a day units you thish the pack.

 3. You MAY BECOME PREGNANT if you have sex in the 2 days after you miss.

- psis.
 You MUST use another birth control method (such as condoms, toam
- sponge) as a backup method for those? Clays.

 If you MSSS 2 [rose-colored] "active" pits in a row in TNE SRD WEEK:

 1. If you MSSS 02 [rose-colored] "active" pits in a row in TNE SRD WEEK:

 1. If you are a Day 1 Stanfar.

 THROW OUT the test of the pitl pack and start a new pack that same day.

If you are a Sendary Starter:

Keep taking 1 pill every day until Sunday.

On Sunday, THROW OUT the rest of the pack and start a new pack of pills that

- came day.
- You may not have your period this month but this is expected. However, it you miss your period 2 months in a row, call your doctor or clinic because you might be pregnam.

 You MAY BECOME PREGNANT if you have sex in the 7 tags after you miss
- 3 YOU MAY DECOME PHICEANI I d you have sex in the 7 days after you miss pais. You MUST use another brith control method (such as condoms, roam, or sponge) as a back-up method for those 7 days.
 If you MUSTS 3 OF MORE [rose-colored] "active" pills in a row (during the brist 3 weeks).
 If you are a Day 1 Searter:
 THROW OUT the rest of the pill pack and start a new pack that same day.

If you are a Sanday Strater:

Keep taking 1 pild every day until Sunday.

On Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day

- You may not have your period this month but this is expected. However, if you may not have your period 2 months in a row, call your doctor or clinic because you
- mass your person. 2 months in a row. Can your outcome or came because you might be pregnant.
 You MAY BECOME PREGNANT if you have sex in the <u>7 savs</u>, after you miss pils. You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days

A REMINDER FOR THOSE ON 28-DAY PACKS:

If you longet any of the 7 white | "remmder" pills in Week 4: THROW AWAY the pills you missed. Keep taking 1 pill each day until the pack is empty. You do not need a back-up method.

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU HAVE

MIRECE:
Use a BACK-UP METHOD anytane you have sex.
KEEP TAKING DRIE (ROSE-COLORED) "ACTIVE" PILL EACH DAY until you can reach your doctor or choic

DURAMED PHARMACEUTICALS, MC. CMCIMIATI, OHIO 45213 USA

100349

DETAILED PATIENT LABELING Desogestrel and Ethinyl Estradiol Tablets

28 and 21 Day Regimens

THIS PRODUCT (LIKE ALL GRAL CONTRACEPTIVES) IS INTENDED TO PREVENT PREGNANCY. IT DOES NOT PROTECT AGAINST HIV INFECTION (AIDS) AND OTHER SEXUALLY TRANSMITTED DISEASES.

B only

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MML by: DURAMED PHARMACEUTICALS, INC. CINCINNATI, ONIO 45213 USA

100351

ISS. 04/99

The following oral contraceptive products contain a combination of progestogen and estrogen, the two kinds of female hormones:

Desegeatrel and Ethinyl Estradiol Tablet 28 Day Regimen Blister Card Each rose-colored tablet contains 0.15 mg desogestrel and 0.03 mg ethinyl estradiol. Each white tablet contains inert ingredients.

Descoestrel and Ethioyl Estradiol Tablet 21 Day Regimen Blister Card Each rose-colored tablet contains 0.15 mg desogestrel and 0.03 mg ethinyl

INTRODUCTION

Any woman who considers using oral contraceptives (the birth control pill or the pill) should understand the benefits and risks of using this form of birth control. This patient labeling will give you much of the information you will need to make this decision and will also help you determine if you are at risk of developing any of the scrious side effects of the pill. It will tell you how to use the pill properly so that it will be as effective as possible. However, this labeling is not a replacement for a careful discussion between you and your doctor or clinic. You should discuss the information provided in this labeling with him or her, both when you first start taking the pill and during your revisits. You should also follow your doctor's or clinic's advice with regard to regular check-ups while you are on the pill.

EFFECTIVENESS OF ORAL CONTRACEPTIVES

Oral contraceptives or "birth control pills" or "the pill" are used to prevent pregnancy and are more effective than other non-surgical methods of birth control. When they are taken correctly, the chance of becoming pregnant is less than 1% (1 pregnancy per 100 women per year ci use) when used per-lets than 1% (1 pregnancy per 100 women per year ci use) when used per-lectly, without missing any pills. Typical failure rates are actually 3% per year. The chance of becoming pregnant increases with each missed plil during a menstrual cycle.

In comparison, typical failure rates for other non-surgical methods of birth control during the first year of use are as follows.

<1%
<1%
1 to 2%
18%
21%
18 to 36%
18 to 36%
12%
21%
20%
85%

WHO SHOULD NOT TAKE ORAL CONTRACEPTIVES

Cigaratte smoking increases the risk of serious cardiovascular side effects from oral contraceptive use. This risk increases with age and with heavy smoking (15 or more cigarettes per day) and is quite marked in women over 35 years of age. Women who use wal contraceptives are strongly advised not to smoke.

Some women should not use the pill. For example, you should not take the pill if you are pregnant or think you may be pregnant. You should also not use the pill if you have any of the following conditions:

• A history of heart attack or stroke

- · Blood clots in the legs (thrombophlebitis), lungs (pulmonary embolism). or eyes
- · A history of blood clots in the deep veins of your legs
- · Chest pain (angina pectoris)
- Known or suspected breast cancer or cancer of the lining of the uterus. cervix or vanina
- Unexplained vaginal bleeding (until a diagnosis is reached by your doctor)
 Yellowing of the whites of the eyes or of the skin (jaundice) during pregnancy or during previous use of the pill
- · Liver tumor (benign or cancerous)
- · Known or suspected pregnancy

Tell your doctor or clinic if you have ever had any of these conditions. Your doctor or clinic can recommend a safer method of high control

OTHER CONSIDERATIONS BEFORE TAKING DRAL CONTRACEPTIVES

Tell your doctor or clinic if you have or have had:

- . Breast nodules, fibrocystic disease of the breast, an abnormal breast x-ray or mammooram
- Diabetes
- Elevated cholesterol or triglycerides
- · High blood pressure
- · Migraine or other headaches or epitepsy
- · Mental depression
- · Gallbladder, heart or kidney disease · History of scanty or irregular menstrual periods
- Women with any of these conditions should be checked ofter by their doctor

or clinic if they choose to use oral contraceptives.

Also, be sure to inform your doctor or clinic if you smoke or are on any med-

RISKS OF TAKING ORAL CONTRACEPTIVES

1. Risk of developing blood clots

Blood clots and blockage of blood vessels are one of the most serious side effects of taking oral contraceptives and can cause death or serious disability. In particular, a clot in one of the legs can cause thrombophtebitis and a clot that travels to the lungs can cause a sudden blocking of the vessel carrying blood to the lungs. These risks are greater with desogestrel-containing oral contraceptives, such as desogestrel and ethinyl estradiol tablets, than with other lowdose pills. Rarely, clots occur in the blood vessels of the eye and may cause blindness, double vision, or impaired vision.

بلوم

It you take oral contraceptives and need elective surgery, need to stay in bed for a protonged illness or have recently delivered a baby, you may be at risk of developing blood clots. You should consult your doctor or clinic about stopping oral contraceptives three to four weeks before surgery and not taking oral contraceptives for two weeks after surgery or during bed rest. You should also not take oral contraceptives soon after delivery of a baby. It is advisable to wait for at least four weeks after delivery if you are not breast feeding or four weeks after a second trimester abortion. If you are breast feeding, you should wait until you have weaned your child before using the pill. (See also the section on Breast Feeding in General Precautions.)

The risk of circulatory disease in oral contraceptive users may be higher in users of high dose pilts and may be greater with longer duration of oral contraceptive use. In addition, some of these increased risks may continue for a number of years after stopping oral comraceptives. The risk of abnormal blood clotting increases with age in both users and nonusers of oral contraceptives. but the increased risk from the oral comraceptive appears to be present at all ages. For women aged 20 to 44 it is estimated that about 1 in 2.000 using oral contraceptives will be hospitalized each year because of abnormal clotting. Among nonusers in the same age group, about 1 in 20,000 would be hospitalved each year. For oral contraceptive users in general, it has been estimated that in women between the ages of 15 and 34 the risk of death due to a circulatory disorder is about 1 in 12.000 per year, whereas for nonusers the rate is about 1 in 50.000 per year, in the age group 35 to 44, the risk is estimated to be about 1 in 2.500 per year for oral contraceptive users and about 1 in 10.000 per year for nonusers.

2. Heart attacks and strokes

Oral contraceptives may increase the tendency to develop strokes (stoppage or rupture of blood vessels in the brain) and angina pecturis and neart attacks (blockage of blood vessels in the heart). Any of these conditions can cause

death or serious disability.

Smoking greatly increases the possibility of suffering heart attacks and strokes. Furthermore, smoking and the use of oral contraceptives greatly increase the chances of developing and dving of heart disease.

3. Gallbladder disease

Oral contraceptive users probably have a greater risk than nonusers of having gallbladder disease although this risk may be related to pills containing high doses of estropens.

4. Liver turnors

in rare cases, oral contraceptives can cause benign but dangerous liver tumors. These benign liver tumors can rupture and cause fatal internal bleeding. In addition, a possible but not definite association has been found with the pill and liver cancers in two studies, in which a few women who developed these very rare cancers were found to have used oral contraceptives for lpng periods. However, liver cancers are rare.

5. Cancer of the reproductive organs and breasts
There is conflict among studies regarding breast cancer and oral contraceptive use. Some studies have reported an increase in the risk of developing breast cancer, particularly at a younger age. This increased risk appears to be related to duration of use. The majority of studies have found no overall increase in the risk of developing breast cancer.

Some studies have found an increase in the incidence of cancer of the cervix in women who use oral contraceptives. However, this finding may be related to factors other than the use of oral contraceptives. There is insufficient evidence

to rule out the possibility that pills may cause such cancers. ESTIMATED RISK OF DEATH FROM A BIRTH CONTROL METHOD OR PREG-

All methods of birth control and pregnancy are associated with a risk of developing certain diseases which may lead to disability or death. An estimate of the number of deaths associated with different methods of birth control and pregrancy has been calculated and is shown in the following table

ANNUAL NUMBER OF BIRTH-RELATED OR METHOD-RELATED DEATHS ASSOCIATED WITH CONTROL OF FERTILITY PER 100,000 NON-STERILE WOMEN, BY FERTILITY CONTROL METHOD ACCORDING TO AGE

Method of control and outcome	15-19	20-24	25-29	30-34	35-39	40-44
No fertility control methods*	7.0	7.4	9.1	14.8	~25.7	28.2
Oral contraceptives non-smoker**	0.3	0.5	0.9	1.9	13.8	31.6
Oral contraceptives smoker**	2.2	3.4	6.6	13.5	51.1	117.2
IND	0.8	0.8	1.0	1.0	1.4	1.4
Condom*	1.1	1.6	0.7	0.2	0.3	0.4
Diaphragm/spermicide*	1.9	1.2	1.2	1.3	2.2	2.8
Periodic abstinence*	2.5	1.6	1.6	1.7	2.9	3.6

- Deaths are birth related
- ** Deaths are method related

in the preceding table, the risk of death from any birth control method is less than the risk of childbirth, except for oral contraceptive users over the age of 35 who smoke and pill users over the age of 40 even if they do not smoke. It can be seen in the table that for women aged 15 to 39, the risk of death was highest with pregnancy (7-26 deaths per 100,000 women, depending on age). Among pill users who do not smoke, the risk of death was always lower than that associated with pregnancy for any age group, although over the age of 40, the risk increases to 32 deaths per 100,000 women, compared to 28 associated with



pregnancy at that age. However, for pill users who smoke and are over the age of 35, the estimated number of deaths exceeds those for other methods of birth control. If a woman is over the age of 40 and smokes, her estimated risk of death is four times higher (117/100,000 women) than the estimated risk associated with pregnancy (28/100,000 women) in that age group.

The suggestion that women over 40 who do not smoke should not take oral contraceptives is based on information from older, higher-dose pills. An Advisory Committee of the FDA discussed this issue in 1989 and recommended that the benefits of low-dose oral contraceptive use by healthy, non-smoking women over 40 years of age may outweigh the possible risks.

WARNING SIGNALS

If any of these adverse effects occur while you are taking oral contraceptives, call your doctor or clinic immediately:

- Sharp chest pain, coughing of blood, or sudden shortness of breath (indicating a possible clot in the lung)
- · Pain in the calf (indicating a possible clot in the leg)
- Crushing chest pain or heaviness in the chest (indicating a possible heart attack)
- Sudden severe headache or vomiting, dizziness or tainting, disturbances of vision or speech, weakness, or numbress in an arm or leg (indicating a nossible stroke)
- Sudden partial or complete loss of vision (indicating a possible clot in the eve)
- Breast lumps (indicating possible breast cancer or fibrocystic disease of the breast; ask your doctor or choic to show you how to examine your breasts)
- Severe pain or tenderness in the stomach area (indicating a possibly ruptured liver tumor)
- Difficulty in steeping, weakness, tack of energy, fatigue, or change in mood (possibly indicating severe depression)
- Jaundice or a yellowing of the skin or eyeballs, accompanied frequently by fever, fatigue, loss of appetite, dark colored urine, or light colored bowel movements (indicating possible liver problems)

SIDE EFFECTS OF ORAL CONTRACEPTIVES

1. Vaginal bleeding

Irregular vaginal bleeding or spotting may occur while you are taking the pills. Irregular bleeding may vary from slight staining between menstrual periods to breakthrough bleeding which is a thow much like a regular period. Irregular bleeding occurs most often during the first few months of oral contraceptive use, but may also occur after you have been taking the pill for some time. Such bleeding may be temporary and usually does not indicate any serious problems. It is important to continue taking your pills on schedule. If the bleeding occurs in more than one cycle or lasts for more than a tew days, talk to your doctor or clinic.

2. Contact leases

If you wear contact lenses and notice a change in vision or an inability to wear your lenses, contact your doctor or clinic.

3. Fluid retention

Oral contraceptives may cause edema (fluid retention) with swelling of the fingers or ankles and may raise your blood pressure. If you expenence fluid retention, contact your doctor or clinic.

4. Melasma

A sporty darkening of the skin is possible, particularly of the face, which may persist.

5. Other side effects

Other side effects may include nausea and vorniting, change in appetite, headache, nervousness, depression, dizziness, loss of scalp hair, rash, and vacinal infections.

If any of these side effects bother you, call your doctor or clinic.

GENERAL PRECAUTIONS

1. Missed periods and use of oral contraceptives before or during early

There may be times when you may not menstruate regularly after you have completed taking a cycle of pills. If you have taken your pills regularly and miss one menstrual period, continue taking your pills for the next cycle but be sure to inform your doctor or clinic before doing so. If you have not taken the pills daily as instructed and missed a menstrual period, you may be pregnant. If you missed two consecutive menstrual periods, you may be pregnant. Check with your doctor or clinic immediately to determine whether you are pregnant. Do not continue to take oral contraceptives until you are sure you are not pregnant, but continue to use another method of contraception.

There is no conclusive evidence that oral contraceptive use is associated with an increase in birth defects, when taken inadvertently during early pregnancy. Previously, a few studies had reported that oral contraceptives might be associated with birth defects, but these findings have not been seen in more recent studies. Nevertheless, oral contraceptives or any other drugs should not be used during pregnancy unless clearly necessary and prescribed by your doctor or clinic. You should check with your doctor or clinic about risks to your unborn child of any medication taken during pregnancy.

2. While breast leeding

If you are breast feeding, consult your doctor or clinic before starting oral contraceptives. Some of the drug will be passed on to the child in the milk. A few adverse effects on the child have been reported, including yellowing of the skin (gundice) and breast enlargement. In addition, oral contraceptives may decrease the amount and quality of your milk. If possible, do not use oral contraceptives while breast feeding. You should use another method of contraceptives while breast feeding provides only partial protection from becoming pregnant and this partial protection decreases significantly as you breast feed for longer periods of time. You should consider starting oral contraceptives only after you have weaned your child completely.

3. Laboratory tests

If you are scheduled for any laboratory tests, tell your doctor or clinic you are taking birth control pills. Certain blood tests may be affected by birth control pills.

4. Drug Interactions

Certain drugs may interact with birth control pills to make them less effective in preventing pregnancy or cause an increase in breakthrough bleeding. Such drugs include rifampin, drugs used for epilepsy such as barbiturates (for example, phenobarbital), anticonvulsants such as carbamazepine (Tegretol is one brand of this drug), phenytoin (Dilantin is one brand of this drug). phenylbutazone (Butazolidin is one brand), and possibly certain antibiotics. You may need to use additional contraception when you take drugs which can make oral contraceptives less effective.

5. Sexually transmitted diseases

This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against transmission of HIV (AIDS) and other sexually transmitted diseases such as chlamydia, genital herpes, genital warts, gonormea. hepatitis B, and syphilis.

HOW TO TAKE THE PILL IMPORTANT POINTS TO REMEMBER

BEFORE YOU START TAKING YOUR PILLS:

1. BE SURE TO READ THESE DIRECTIONS: Before you start taking your pitts. Anytime you are not sure what to do.

2. THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT THE SAME TIME.

If you miss pills you could get pregnant. This includes starting the pack late. The more pills you miss, the more likely you are to get pregnan

3. MANY WOMEN HAVE SPOTTING OR LIGHT BLEEDING, OR MAY FEEL SICK TO THEIR STOMACH DURING THE FIRST 1-3 PACKS OF PILLS. If you feel sick to your stomach, do not stop taking the pill. The problem will usually go away. If it doesn't go away, check with your doctor or clinic.

4. MISSING PILLS CAN ALSO CAUSE SPOTTING OR LIGHT BLEEDING, even when you make up these missed pills. On the days you take 2 pills to make up for missed pills, you could also feel a little sick to your stomach.

5. IF YOU HAVE VOMITING OR DIARRHEA, for any reason, or IF YOU TAKE SOME MEDICINES, including some antibiotics, your pills may not work as well

tise a back-up method (such as condoms, toam, or sponge) until you check with your doctor or clinic.

6. IF YOU HAVE TROUBLE REMEMBERING TO TAKE THE PILL. talk to your doctor or choic about how to make pill-taking easier or about using another method of birth control

7. IF YOU HAVE ANY QUESTIONS OR ARE UNSURE ABOUT THE INFORMA-TION IN THIS LEAFLET, call your doctor or clinic.

BEFORE YOU START TAKING YOUR PILLS:

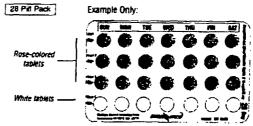
1. DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL. It is important to take it at about the same time every day.

2. LOOK AT YOUR PILL PACK TO SEE IF IT HAS 21 OR 28 PILLS:

The 21-pill pack has 21 "active" [rose-colored] pills (with hormones) to take

for 3 weeks, followed by 1 week without pills.
The 28-pill pack has 21 "active" [rose-colored] pills (with hormones) to take for 3 weeks, followed by 1 week of reminder [white] pills (without hormones).

- 3. ALSO FIND:
 - 1) where on the pack to start taking the pills,
- 2) in what order to take the pills (follow the arrows) and
- 3) the week numbers printed on the pack.



4. BE SURE YOU HAVE READY AT ALL TIMES: ANOTHER KIND OF BIRTH CONTROL (such as condoms, foam, or sponge) to use as a back-up in case you miss pills. AN EXTRA, FULL PILL PACK.

WHEN TO START THE FIRST PACK OF PILLS:

You have a choice of which day to start taking your first pack of pills. Decide with your doctor or clinic which is the best day for you. Pick a time of day which will be easy to remember.

DAY 1 START:

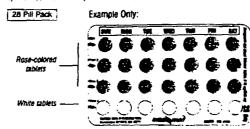
- 1. Pick the day label strip that starts with the first day of your period (this is the day you start bleeding or spotting, even if it is almost midnight when the bleeding begins.
- 2. Place this day label strip in the cycle tablet dispenser over the area that has the days of the week (starting with Sunday) printed on the blister card.

Pick Correct Day Label THU FRI SAT SUN MON TUE WED

BEFORE YOU START TAKING YOUR PILLS:

- 1. DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL. It is important to take it at about the same time every day.

 2. LOOK AT YOUR PILL PACK TO SEE IF IT HAS 21 OR 28 PILLS:
- The 21-pill pack has 21 "active" [rose-colored] pills (with hormones) to take for 3 weeks, followed by 1 week without pills.
- The 28-pill pack has 21 "active" [rose-colored] pills (with hormones) to take for 3 weeks. followed by 1 week of reminder (white) pills (without hor-
- 3. ALSO FIND:
- 1) where on the pack to start taking the pills.
- 2) in what order to take the pills (follow the arrows) and
- 3) the week numbers printed on the pack.



4. BE SURE YOU HAVE READY AT ALL TIMES:

ANOTHER KIND OF BIRTH CONTROL (such as condoms, foam, or sponge) to use as a back-up in case you miss pills.
AN EXTRA, FULL PILL PACK.

WHEN TO START THE FIRST PACK OF PILLS:

You have a choice of which day to start taking your first pack of pills. Decide with your doctor or clinic which is the best day for you. Pick a time of day which will be easy to remember. DAY 1 START:

- 1. Pick the day label strip that starts with the first day of your period (this is the day you start bleeding or spotting, even if it is almost midnight when the
- bleeding begins.)

 2. Place this day label strip in the cycle tablet dispenser over the area that has the days of the week (starting with Sunday) printed on the blister card.

Pick Correct Day Label THU FRI SAT SUN MON TUE WED



Note: If the first day of your period is a Sunday, you can skip steps #1 and #2.

- 3. Take the first "active" [rose-colored] pill of the first pack during the first 24 hours of your period.
- Now will not need to use a back-up method of birth control, since you are starting the pill at the beginning of your period.

SUNDAY START:

1. Take the first "active" [rose-colored] pill of the first pack on the Sunday after your period starts, even if you are still bleeding. If your period begins on Sunday, start the pack that same day.

 Use another method of birth control as a back-up method if you have sex anytime from the Sunday you start your first pack until the next Sunday (7 days). Condoms, foam, or the sponge are good back-up methods of birth control.

WHAT TO DO DURING THE MONTH:

1. TAKE ONE PILL AT THE SAME TIME EVERY DAY UNTIL THE PACK IS

Do not skip pills even if you are spotting or bleeding between monthly periods or feel sick to your stomach (nausea).

Oo not skip pills even it you do not have sex very often.

WHEN YOU FINISH A PACK OR SWITCH YOUR BRAND OF PILLS:

21 phile: Wait 7 days to start the next pack. You will probably have your period during that week. Be sure that no more than 7 days pass between 21-day packs.

28 pills: Start the next pack on the day after your last "reminder" pill. Do not wait any days between packs.

WHAT TO DO IF YOU MISS PILLS:

If you MISS 1 [rose-colored] "active" pill:

- 1. Take it as soon as you remember. Take the next pill at your regular time. This means you take 2 pills in 1 day.
- 2. You do not need to use a back-up birth control method if you have sex.

If you MISS 2 [rose-colored] "active" pills in a row in WEEK 1 OR WEEK 2 of your pack:

- 1. Take 2 pills on the day you remember and 2 pills the next day.
- Then take 1 pill a day until you finish the pack.
 You MAY BECOME PREGNANT if you have sex in the <u>7 days</u> after you miss pilts. You MUST use another birth control method (such as condoms, toam. or sponge) as a back-up method for those 7 days.
- If you MISS 2 (rose-colored) "active" pills in a row in THE 3RD WEEK:

1. If you are a Day 1 Starter:

THROW OUT the rest of the pill pack and start a new pack that same day. If you are a Sunday Starter.

Keep taking 1 pill every day until Sunday.
On Sunday, THROW OUT the rest of the pack and start a new pack of pilts

- 2. You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because
- you might be pregnant.
 3. You MAY BECOME PREGNANT if you have sex in the 7 days after you miss

You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

If you MISS 3 OR MORE [rose-colored] "active" pills in a row (during the first 3 weeks):

1. If you are a Day 1 Starter: THROW OUT the rest of the pill pack and start a new pack that same day. If you are a Sunday Starter;

Keep taking 1 pill every day until Sunday.

On Sunday, THROW OUT the rest of the pack and start a new pack of pills that same day.

- 2. You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because
- you might be pregnant.
 3. You MAY BECOME PREGNANT if you have sex in the 7 days after you miss pills.

You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

A REMINDER FOR THOSE ON 28 DAY PACKS:

If you torget any of the 7 [white] "reminder" pills in Week 4: THROW AWAY the pills you missed. Keep taking 1 pill each day until the pack is empty. You do not need a back-up method.

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU

HAVE MISSED: Use a BACK-UP METHOD anytime you have sex

KEEP TAKING DNE {rose-colored}-"ACTIVE" PILL EACH DAY until you can reach your doctor or clinic.

PREGNANCY DUE TO PILL FAILURE

The incidence of pill failure resulting in pregnancy is approximately one percent (i.e., one pregnancy per 100 women per year) if taken every day as directed, but more typical failure rates are about 3%. If failure does occur, the risk

PREGNANCY AFTER STOPPING THE PILL

There may be some delay in becoming pregnant after you stop using oral contraceptives, especially if you had irregular menstrual cycles before you used oral contraceptives. It may be advisable to postpone conception until you begin menstruating regularly once you have stopped taking the pill and desire preg-

There does not appear to be any increase in birth defects in newborn babies when pregnancy occurs soon after stopping the pill.

that same day.

2. You may not have your period this month but this is expected. However, if you miss your period 2 months in a row, call your doctor or clinic because vou minht he nreamant

3. You MAY BECOME PREGNANT if you have sex in the 7 days after you miss oils.

You MUST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

A REMINDER FOR THOSE ON 28 DAY PACKS:
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THROW AWAY the pills you missed. Keep taking 1 pill each day until the pack is empty. You do not need a back-up method.

FHALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU HAVE MISSED:

USA a BACK-UP METHOD anytime you have sex.
KEEP TAKING ONE (rose-colored) "ACTIVE" PILL EACH DAY until you can reach your doctor or clinic.

PREGNANCY DUE TO PILL FAILURE

The incidence of pili taiture resulting in pregnancy is approximately one per-cent (i.e., one pregnancy per 100 women per year) if taken every day as direct-ed, but more typical failure rates are about 3%. If failure does occur, the risk to the fetus is minimal.

PREGNANCY AFTER STOPPING THE PILL

There may be some delay in becoming pregnant after you stop using oral contraceptives, especially if you had irregular menstrual cycles before you used oral contraceptives. It may be advisable to postpone conception until you begin menstruating regularly once you have stopped taking the pill and desire preg-

There does not appear to be any increase in birth defects in newborn babies when pregnancy occurs soon after stopping the pill.

OVERDOSAGE

Serious ill effects have not been reported following ingestion of large doses of oral contraceptives by young children. Overdosage may cause nausea and withdrawal bleeding in females. In case of overdosage, contact your doctor, clinic or pharmacist.

OTHER INFORMATION

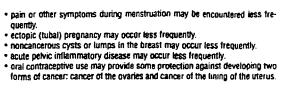
Your doctor or clinic will take a medical and family history before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and your doctor or clinic believes that it is a good medical practice to postpone it. You should be reexamined at least once a year. Be sure to inform your doctor or clinic if there is a family history of any of the conditions fisted previously in this leaflet. Be sure to keep all

appointments with your doctor or clinic because this is a time to determine if there are early signs of side effects of oral contraceptive use. Do not use the drug for any condition other than the one for which it was prescribed. This drug has been prescribed specifically for you; do not give it to others who may want birth control pills.

HEALTH BENEFITS FROM ORAL CONTRACEPTIVES

In addition to preventing pregnancy, use of combination oral contraceptives may provide certain benefits. They are:
• menstrual cycles may become more regular

- blood flow during menstruation may be lighter and less iron may be lost.
 Therefore, anemia due to iron deficiency is less likely to occur.



If you want more information about birth control pills, ask your doctor, clinic or pharmacist. They have a more technical leaflet called the Professional Labeling, which you may wish to read. The Professional Labeling is also published in a book entitled *Physicians' Desk Reference*, available in many book stores and public libraries.

DURAMED PHARMACEUTICALS, INC. CINCINNATI, OHO 45213 USA

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100351

185. 04/99

Desogestrel and Ethinyl Estradiol Tablets

1003500499

MIG. by: DURAMED PHARMACEUTICALS, INC. CINCINNATI, OHIO 45213 USA

180358

ISS. 04/99

OFSCRIPTION

DESCRIPTION

The 28 and 21 Day Regimen bisser cards for desogestint and ethiniyi estradiol tablets provide an oral contraceptive regimen of 21 round rose-colored tablets. Each rose-colored factive" desogestirel and ethiniyi estradiol tablet for oral administration contains 0.15 mg desogestirel (13-ethy)-11 methylene-18.19-dinor-17 athra-pregnal-4-en-20-yin-17-oil) and 0.03 mg ethiniyi estradiol (19-nor-17 athra-pregnal-1.35 (10)-trein-20-yin-3.17-diol). Inactive ingretients include colloidal sisteon disorde. FD&C Blue No. 2 Aumanum Late, PD&C Relia No. 40 Aumanum Late, PD&C Relia No. 20 Aumanum Late, PD&C Relia No. 40 Aumanum Late, PD&C Blue No. 2 Aumanum Late, PD&C Blue No. 2 Extension acid. Intanium disorde, and vitamin 6. Desogestirel and ethiniyi estradiol tablet 28 Day Regimen bister cards also contain 7 white "inactive" tablets for oral administration, containing the following stactive ingredients: factore arthyldrous, magnesium stearate, microcrystalfine cellulose and pregeta-inized starch.

DESOGESTREL

ETHINYL ESTRADIOL

MW: 296 41

M.W.: 310.48 اليواليو CLINICAL PHARMACOLOGY

Pharmacolymantics
Combination oral contraceptives act by suppression of gonatotropins. Although the primary mechanism of this action is inhabition of ovulation, other attentions include
changes in the central mucus, which increase the difficulty of aparm emity into the
uterus, and changes in the endometrium which reduce the blothrood of implantation.
Receptor binding studies, as well as studies in animase and numars, have shown that
3-keto-desogestirel, the biologically active metabolite of desogestirel, combines righ
properational activity with minimal intrinsic androgenicity (91.92). Desogestirel, in
combination with ethinyl estradiol, does not counteract the estrogen-induced increase
in SHBC, resulting in lower serum levels of time testorsterone (96-99).

C20H24O2

Presonance is rapidly and almost completely absorbed and converted into 3-lesto-desogestrel, its biologically active metabolitie. Following oral administration, the relative bioavailability of desogestrel, as measured by serum levels of 3-lesto-desogestrel, is

ogestrel, its biologically active metabolite, Following oral administration, the relative bioanvirgibility of desogestirel, as measured by serum levels of 3-kpto-desogestrel, is approximately 64% in the third cycle of use after a single desogestrel and ethinyl estradiol tablet, maximum concentrations of 3-keto-desogestrel of 2,805 ± 1,203 pg/mt, (means 50) are reached at 1,4-0.8 hours. The area under the curve (AU₀₋₁) is 33,856±11.043 pg/mt, in a step a single dose. At steady state, attained from at least day 19 memors, maximum concentrations of 5,840±1,667 pg/mt, are reached at 1,4-0.9 hours. The minimum plasma levels of 3-keto-desogestred at steady state are 1,4-0.2-560 pg/mt., The AU₀₋₂₋₃ at steady state is 52,299±17,678 pg/mt. 4 in The mean AU₀₋₂₋₃ at steady state is 52,299±17,678 pg/mt. 4 in The mean AU₀₋₂₋₃ at steady state is supple dose is eignificantly lower than the mean AU₀₋₂₋₃ at steady state. This indicates that the circles of 3-keto-desogestred are non-interest due to an increase in brinding of 3-keto-desogestred are non-interest due to an increase the indicates that the circles of 3-keto-desogestred are non-interest due to an increase significantly in the timit due interest of the state of the properties of the state of th

MIDICATIONS AND USAGE

BEOGRAFIPMS AND USAGE

Desopestre and ething estradiol tablets are indicated for the prevention of pregnancy in women who elect to use oral contraceptives as a method of contraception.

Oral contraceptives are highly effective. Table I lists the typical accidental pregnancy rates for users of combination oral contraceptives and other methods of contraception. The efficacy of these contraceptive methods, except sterilization, depends upon the retiability with which they are used. Correct and consistent use of these methods can re in lower failure rates

TABLE I: LOWEST EXPECTED AND TYPICAL FAILURE RATES OURING THE FIRST YEAR OF CONTINUOUS USE OF A METHOD % of Women Experiencing an Accidental Pregnancy in the First Year of Continuous Use

Method	Expected*	Typical**
(No Contraceptive)	(85)	(85)
Oral Contraceptives	•	3
combined	0.1	N/A***
progestin ordy	0.5	N/A***
Diaphragm with spermicidal	***	
cream or jefty	6	18
Spermicides alone (foams,		
creams, gels, jellies, vaginal		
suppositories, and vaginal film)	6	21
Vagnal Soonge		
nulliparous	9	18
parous	20	36
Implant	0.09	0.09
Injection; depot		4.55
medifoxyprogesterone acetate	0.3	0.3
WD.		
progesterone	1.5	2.0
copper T 380A	0.6	0.8
Condom without spermicides	•••	
temal*	5	21
	•	12

and phase I metabolites, which die exclusion in one concorded that concord with RIGHTATIONS AND USAGE

in lower failure rates.

BIBINATIONS AND USAGE
Desopestrel and ethinyl estradiol tablets are indicated for the prevention of prepalancy in women who efect to use oral contraceptives as a method of contraception.

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TABLE I: LOWEST EXPECTED AND TYPICAL FAILURE RATES DURING THE FIRST YEAR OF CONTRIBUOUS USE OF A METHOD % of Women Experiencing on Accidental Prognoscy in the First Year of Ecotomous Use

Method	Lowest Expected*	Typical**	
(No Contraceptive)	(85)	(85)	
Oral Contraceptives		3	
combined	0.1	N/A***	
progestin only	0.5	N/A***	
Diaphragm with spermicidal			
cream or jetly	6	18	
Spermicades atone (foams.			
creams, gels, jelties, vaginal			
suppositories, and vagural film)	6	21	
Varanai Sponge			
nulkozrous	9	18	
parous	20	36	
Impount	0.09	0.09	
Injection: depot			
medroxyprogesterone acetate	0.3	0.3	
IUD			
progesterone	1.5	2.0	
copper T 380A	0.6	0.8	
Condom without spermicides	•-	• • •	
ternale	5	21	
mate	5 3	12	
Cervical Cap with spermicidal	•	•	
cream or jelly			
nutiparous	9	18	
Darous	26	36	
Periodic abstinence		~	
(all methods)	1-9	20	
Fernale sterilization	04	04	
Male sterilization	0.10	0.15	

Adapted from RA Hatcher et al., Table 5-2.(1994) ref. #1.

- * The authors' best guess of the percentage of women expected to experience an accidental pregnancy among couples who initiate a method (not necessarily for the first time) and who use it consistently and correctly during the first year if they do not stop for any other reason.
- "This term represents "typical" couples who initiate use of a method (not necessarily for the first time), who experience an accidental pregnancy during the first year if they do not stop use for any other reason.
- *** N/A Data not available.

in a clinical trial with desogestral and ethinyl estradiol tablets, 1.195 subjects completed 11.656 cycles and a total of 10 pregnances were reported. This represents an overall user-efficacy) pregnancy rate of 1.12 per 100 women-years. This rate includes patients who did not table the drup correctly

CONTRAINDICATIONS

Oral commands that was a second or things and the common second or the used in women who currently have the following conditions:

Thromboohlebids or thromboembalic disorders

- A past history of deep vein thrombophiebits or thromboembolic disorders. Cerebral vescular or coronary artery disease. Known or suspected carcinoma of the breast

- Carcinoma of the endometrium or other known or suspected estrogen-depen-dent neoplasia
- Undagnosed abnormal gental bleeding Cholestatic pundice of pregnancy or jourdice with prior pill use Hepatic adenomas or carcinomas Known or suspected pregnancy

WARMINGS

Ciparette smeking increases the risk of serious cardiovascular side effects from oral contraceptive use. This risk increases with age and with heavy smeking (15 or more eigenreties per stay) and is guits marked in women over 25 years of age. Women who use eral contraceptives should be strongly advised not to smoke.

The use of oral contraceptives is associated with increased risks of several serious conditions including myocardial infarction, thromboembolism, stroke, hepatic neoplasia and galibladder disease, although the risk of serious morbidity or mortality is very small in healthy women without underlying risk lactors. The risk of morbidity and mortality wicreases significantly in the presence of other underlying risk factors such as hypertension, hyperlipidemias, obesity and diabetes.

Practitioners prescribing oral contraceptives should be familiar with the following information relating to these risks.

mation relating to these risks.

The information continued in this package insert is principally based on studies carried out in patients who used oral contraceptives with formulations of higher doses of estrogens and progestogens than those in common use today. The effect of long term use of the oral contraceptives with formulations of lower doses of both estrogens and progestogens remains to be determined.

Throughout this belong, epidemiological studies reported are of two types: retrospective or case control studies and prospective or cohort studies. Gase control studies provide a measure of the relative risk of a disease, namely, a ratio of the incidence of a disease among onal contraceptive users to first among nousers. The relative risk of a disease inserting the properties are to restrict users to first among nousers. The relative risk not that among nousers.

ease among oral contraceptive users to that among nonusers. The relative risk does not provide information on the actual clinical occurrence of a disease. Cohort studies pro-vide a measure of attributable risk, which is the difference in the incidence of disease. between oral contraceptive users and nonusers. The attributable risk does provide infor-

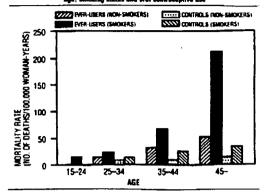
mation about the actual occurrence of a disease in the population (Adapted from rets. 2 and 3 with the author's permission). For further information, the reader is referred to a text on enclemiological methods.

THROMBOEMBOLIC DISORDERS AND OTHER VASCULAR PROBLEMS 4. Myocardeal infarction

. Myocardial infarction
An encreased risk of finyocardial infarction has been attributed to eral contraceptive use. This fisk is primarily in smokers or women with other enderlying risk factors for coronary artery disease such as hypertension, hypercholestenoismus motop opesay, and disebries. The relative risk of heart attack for current oral contraceptive users has been extinated to be two to so; (4-10). The risk is very low in women ender the age of 30.
Smoking in combination with oral contraceptive use has been shown to contribute substantially to the incidence of invocardial infarctions in women in their marketives or older with smoking accounting for the majority of encess.

their mid-further or other with smoking accounting for the majority of excess cases (11). Mortality rates associated with circulatory disease have been shown to increase substantially in smokers, especially in those 35 years of ege and older among women who use oral contraceptives. (See Table II)

TABLE II: Circulatory disease mortality rules per 190,000 women-years by age, smoking status and oral contraceptive ase



(Ariapted from P.M. Layde and V. Beral, ref. #12,)

Oral contraceptives may compound the effects of well-known risk factors, such Oral contraceptives may compound the effects of well-known risk factors, such as hypertension, diabetes, hypertendemias, age end obesity (13). In particular, some progestogens are known to decrease HDL cholesterol and cause glucose imblerance, while estropens may create a state of hypernisutinism (14-18). Oral contraceptives have been shown to increase blood pressure among users (see section 9 in Warnings). Similar effects on risk factors have been associated with an increased risk of heart disease. Oral contraceptives must be used with caution in women with cardiovascular disease risk factors. Desopestref has mismall androgenic activity (See CLINICAL PHARMACOLOGY), and there is some endence that the risk of myocardial infarction associated with oral contraceptives is lower when the progestogen has minimal androgenic activity iman when the activity is greater (100).

b. Thromboembolism

Informodermootsm.

An increased risk of thromboembolic and thrombolic disease associated with the use of oral contraceptives is well established. Data from case-control and cohort studies report that oral contraceptives containing designing are associated with a revo-fold increase in the risk of venous thromboembolic disease as compared to other low-dose (containing less than 50 mcg of estrogen) pills containing other projections. According to these studies, this two-fold risk increases the yearly occurrence of venous thromboembolic disease by about 10-15 cases per 100,000 women.

Earlier case control studies on older formulations have found the relative risk of users compared to nonusers to be 3 for the first episode of superficial venous thrombosis, 4 to 11 for deep vein thrombosis or pulmonary embolism. and 1,5 to 6 for women with predisposing conditions for venous thromboem-bolic disease (2,3,19-24). Cohort studies have snown the release risk to be somewhat lower, about 3 for new cases and about 4,5 for new cases requiring hospitalization (25). The risk of thromboembokic disease associated with oral contraceptives is not related to length of use and disappears after pill use is stonged (2)

scopped (2) A two- to four-fold increase in relative risk of post-operative thromboembolic complications has been reported with the use of oral contraceptives (9). The relative risk of venous thromboss in women who have predisposing combons is two that of women without such medical conditions (26), it leasible, oral contraceptives should be discontinued at least four weeks prior to and for two weeks after elective surgery of a type associated with an increase in risk of thromboembolism and during and following prolonged immobilization. Since the immediate postpartum periodis also associated with an increased risk of thromboemboksm, oral contraceptives should be started no earlier than four weeks after delivery in women who elect not to breast feed

c. Cerebrovascular diseases

Oral contraceptives have been shown to increase both the relative and attinoutable risks of cerebrovascular events (thrombotic and hemorrhapic strokes). urable mass of cerebrovascular everus (informatic and nemormagic stroles), although, in openical, the risk is greatest among older (> 35 years), hypertensive women who also smoke, Hypertension was found to be a risk factor for both users and oonusers, for both types of strokes, and smoking interacted to increase the risk of stroke (27-29).

increase the risk of stroke (27-59). In a large study, the relative risk of thrombotic strokes has been shown to range from 3 for normotensive users to 14 for users with severe hypertension (30). The relative risk of hemorrhagic stroke is reported to be 1.2 for normotens who used oral contraceptives. 2.6 for smokers who did not use oral contraceptives, 7.6 for smokers who used oral contraceptives, 1.8 for normotensive users and 25.7 for users with severe hypertension (30). The attribution are in electrometric modes, except (1). utable risk is also greater in older women (3)

d. Dose-related risk of vascular disease from oral contraceptives. A positive association has been observed between the amount of estrogen and progestogen in oral contraceptives and the risk of vascular disease (31-33). A projectogen in our contractions allow in the towards asset (\$1-50.) decline in serum high density kpoproters (HDL) has been reported with many progestational agents (14-16). A decline in serum high density bipoproteria has been associated with an increased incidence of sichemic heart disease because estrogens increase HDL cholesterol, the net effect of an oral contraceptive depends on a balance achieved between doses of estrogen and progestogen and the nature and absolute amount of progestogens used in the contraceptives. The amount of both hormones should be considered in the choice of an oral contraceptive.

croce of an oral commacepove. Mammaning exposers to extrogen and progestogen is in keeping with good prin-ciples of therapeutics. For any particular estrogen/propestogen combination, the dosage regimen prescribed should be one which contains the least amount of estrogen and progestogen that is compatible with a low fadure rate and the needs of the individual patient. New acceptors of oral contrategrative agents should be started on oreparations containing 0.035 mg or less of estrogen

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Dose-related risk of vascular disease from oral contraceptives.

A positive association has been observed between the amount of estrogen and progestogen in oral contraceptives and the risk of vascular disease (31-33). A decime in serum high pensity lipoproficial specific progestogen in oral contraceptives and in neuron high pensity lipoproficials has been associated with an increased incidence of schemic heart disease. Because estrogens increase HDL cholesterol, the net effect of an oral contraceptive depends on a batance actineved between doses of estrogen and imagestogen and the nature and absolute amount of progestogens used in the choice of an oral contraceptive.

Minimizing exposure to estrogen and progestogen is in locating with good principles of therapeurics. For any particular estrogen/progestogen combination, the dosage regimen progestogen should be one which contains the tests amount of estrogen and progestogen test sic companies with a low failure rate and the needs of the individual patient. New acceptors of onal contraceptive agents should be started on preparations comaining 0.035 mg or less of estrogen.

should be started on preparations containing 0.035 mg or less of estrogen.

e. Persistence of risk of vescular disease
There are two studies which have shown persistence of risk of vascular disease
for ever-users of oral contraceptives. In a study in the lunded Statist, the risk of
developing impocratial intertion after descontinuing oral contraceptives persists for at least 9 years for women 40-49 years old who had used oral contraceptives for fire or more years, but this increased risk was not demonstrated in other ang groups (8). In another study in Grast Britism, the risk of developing cerebrovascular disease persisted for at least 6 years after descontanuation of oral contraceptives, atthough excess risk was very small (34). However,
both studies were performed with oral contraceptive formulations containing
0,050 mg or higher of estrogens.

0.650 mg or higher of estrogens.

ESTIMATES OF MORTALITY FROM CONTRACEPTIVE USE
One study gathered data from a vanety of sources which have estimated the mortality rate associated with different methods of contraception at different ages (Table III). These estimates include the combined risk of death associated with contraceptive methods plus the risk attributable to prognamy in the event of method faiture. Each method of commaception has its pecific benefits and risks. The study concluded that with the exception of oral contraceptive users 35 and other who smoke and 40 and other who do not smoke, mortality associated with all methods of birth control is low and below that associated with childbirth. The observation of an increase in risk of mortality with age for oral contraceptive users is based on data gettered in the 1970's (35). Current chircal recommendation involves the use of lower estrogen dose formulations and a curriful consideration of risk factors. In 1989, the freithly and Maternal Health Drugs Abrisory Committee was asked to review the use of love contraceptives in woman 40 years of age and over. The Committee concluded that although cardiovascular disease risk may be increased with oral contraceptive use after age 40 in healthy non-smoking women (even with the newer love-dose formulations), there are also greater potential health risks associated with preparation of love women and with the alternative surgical and medical procedures which may be recessary if such women do not have access to effective and acceptable means of contraception. The Committee recommended that the benefits of love-one oral contraceptives in the surgical and medical procedures which may be recessary if such women do not have access to effective and acceptable means of contraception. The Committee recommended that the benefits of love-one oral contraceptives by healthy non-smoking women over 40 may out-weigh the possible risks.

when the contraction to be on heating non-amount, women over 40 may out-weight the possible risks.

Of course, older women, as all women who take oral contraceptives, should take an oral contraceptive which contains the least amount of estrogen and progesto-gen that is compatible with a low failure rate and individual patient needs. [See table below.]

TABLE RI: ANNUAL RUMBER OF BIRTH-RELATED ON METHOD-RELATED DEATHS ASSOCIATED WITH CONTROL OF FERTILITY FER TOIL MODE NOW STERILE WOMEN, BY FERTILITY CONTROL METHOD ACCORDING TO AGE

Mathed of control and outcome	15-19	20-24	25-29	35-34	35-30	40-44
No fertility control methods*	70	7.4	9.1	14.8	25.7	28.2
Oral contraceptives non-smoker**	0.3	0.5	0.9	1.9	138	31.6
Oral contraceptives smoker**	2.2	3.4	6.6	13.5	51.1	117.2
IUD**	0.8	0.8	1.0	1.0	1.4	1.4
Coadom*	1.1	1.6	0.7	0.2	0.3	0.4
Diaphragm/spermicide*	1.9	1.2	1.2	1.3	22	2.8
Penodic abstimence*	2.5	16	16	17	20	3.6

- Deaths are birth related Deaths are method related

(Adapted from H.W. Ory, ref. #35)

CARCINOMA OF THE REPRODUCTIVE ORGANS AND BREASTS

Numerous epidemiological studies have been performed on the incidence of breast, endometrial, ovarian and cenvical cancer in women using oral contraceptives. While there are conflicting reports most studies suggest that the use of oral contraceptives is not associated with an overall increase in the risk of developing breast cancer, some studies have reported an increased relative risk of developing breast cancer, particularly at a younger aps. This increased relative risk appears to be related to duration of use (36-43, 79-89)

Some studies suggest that oral contraceptive use has been associated with an increase in the risk of cervical intraeprinels replaced in some populations of women (45-48). However, there continues to be controversy about the extent to which such kindings may be due to differences in sexual behavior and other fac-

HEPATIC NEOPLASIA

HEPATIC NEOPLASIA

Benigh hepatic adenomas are associated with oral contraceptive use, although
the incidence of beingh tumors is rare in the United States Indirect catacastions
have estimated the attributable risk to be in the range of 3.3 cases/100,000 for
users, a risk that increases after four or more years of use especially with oral
contraceptives of higher dose (49). Rupture of rare, beingh, hepatic adenomas
may cause death through indra-addominal hemorrhage (50.51).
Studies from Britain felve shown an increased risk of developing hepaticellular
carcinoma (52-54) in long-term (>8 years) oral contraceptive users. However,
these cancers are rare in the U.S. and the attributable risk (the excess increase)
of liver cancers lies fail northingentive users automatche lies this other one per million.

of liver cancers in oral contraceptive users approaches less than one per million

USEIS OCULAR LESIONS

There have been chriscal case reports of retinal thrombosis associated with the use of oral contraceptives. Oral contraceptives should be discontinued if there is unexplained partial or complete loss of vision; crisici of proptices or diplopat papithdema; or refinal visional assorts, appropriate diagnostic and therapeutic measures should be undertaken immediately ORAL CONTRACEPTIVE USE BEFORE OR DURING EARLY PREGNANCY

ORAL CONTRACEPTIVE USE BEFORE OR DURING EARLY PREMARKS. Extensive epidemiological studies have revealed on encassad risk of birth defects in women who have used oral contraceptives prior to pregnancy (56-57). The majority of recent studies also do not indicate a territogenic effect, particularly so lar as cardiac anomalies and timb reduction defects are concerned (55-55, 58, 59), when oral contraceptives are taken inadvertently during early pregnancy. The administration of oral contraceptives to induce withdrawal breeding should.

The administration of oral continceptives to induce withdrawal bitecting should not be used as a test for pregnancy. Oral contraceptives should not be used our-ing pregnancy to treat interatemed or habitual abortion. It is recommended that for any patient who has missed two consecutive periods, pregnancy should be nuise out before continuing oral contraceptive use, if the patient has not adhered to the prescribed schedule, the possibility of pregnancy should be considered at the time of the first missed period. Oral contraceptive use should be discontinued until pregnancy is ruled out.

should be discontinued at GALLBLADDER DISEASE

Earlier studies have reported an increased lifetime relative risk of gallbladder surgery in users of oral contraceptives and estrogens (60,61). More recent stud-ies, however, have shown that the relative risk of developing gallbladder disease among oral contraceptive users may be immirted (62-64). The recent findings of minimal risk may be related to the use of oral contraceptive formulations con-taining lower hormonal doses of estingens and progestogens. CARBOHYDRATE AND LIPID METABOLIC EFFECTS

CARBONYTHME AND CHIEF METABOLIT. EFFELTS
Oral contraceptives have been shown to cause a decrease in glucose tolerance in a significant percentage of users (17). This effect has been shown to be directly related to estrogen dose (65). In general, projectopers increase insulin recretion and create insulin resistance, this effect varying with different progestational agents (17.66). In the nondiabetix woman, and contraceptives appear to have no effect on lasting blood glucose (67), Because of these demonstrated effects, prediabetic and diabetic women should be carefully monitored while taking oral contraceptives.

A small proportion of womer will have persistent hypertrighyceridensa while on the pill. As discussed earlier (see WARNINGS 1.a. and 1.d.), changes in serum trighycerides and lipoprotein briefs have been reported in oral contraceptive users. ELEVATED BLOOD PRESSURE AN INTERIOR in blood.

ELEVATED BLOOD PRESSURFE
An increase in blood pressur-if has been reported in women taking oral contraceptives (68) and this increase is more likely in older oral contraceptive users (69)
and with extended duration or use (61).
Data from the Royal College of General Practitioners (12) and subsequent randomized trials have shown that the incidence of hypertension increases with
micreasing progestational activity.
Women with a history of hypertension or hypertension-related diseases, or renal
disease (70) should be encouraged to use another method of contraception. If
women each to use coral contraceptives, they should be monitored closely and it
significant elevation of blood pressure occurs, oral contraceptive should be discontinued. For most women, elevated blood pressure will return to inormal after
scopping oral contraceptives (69), and there is no difference in the occurrence of
hypertension among former and never users (68,70,71).
HEADACHE

HEADACHE

The misst or exacerbation of imigrane or development of headache with a new partiem which is recurrent, perissiant or savere requires discomtinuation of oral contracestines and evaluation of the cause.

BLEEDING IRREGULARITIES

BLEEDING IRREGULARITIES

Breakthrough bleeding and sporting are sometimes encountered in patients on oral commandation, especially during the linst three months of use. Monhormonal causes a hould be considered and adequate diagnostic measures taken to rule out maligna by or pregnancy in the swen of breakthrough bleeding, as in the case of any abnormal vaginal bleeding. If pathology has been excluded, time or a change to another formulation may solve the problem. In the event of amenorrhea, pregnancy should be ruled out

Some woman may encounter post-pill amenormes or disjomenormes, especially when such a condition was pre-existent.

ECTOFIC PREGNANCY

Ectopic as well as intrautenne pregnancy may occur in contraceptive failures.

PRECAUTIONS

PHYSICAL EXAMINATION AND FOLLOW UP

It is good medical practice for all women to have annual history and physical examinations, including women using oral contraceptives. The physical examination, however, may be deterred until after initiation of oral contraceptives if requested by the woman and judged appropriate by the chinician. The physical examination should include special reference to blood pressure, breasts. ab formen and pelvic organs, including cervical cytology, and relevant laboratory tests. In case of undiagnosed, persistent or recurrent abnormal vaginal bleeding, appropriate measures should be conducted to rule out malignancy. Women with a strong family history of breast cancer or who have breast nodules should be monitored with particular care.

2. UPID DISORDERS

Viornen who are being treated for hyperlipidemias should be followed closely if trey elect to use oral contracestives. Some progestogens may elevate LDL levels and may render the control of hyperlipidemias more difficult.

TIVEN FUNCTION

If journals develops in any woman receiving such drugs, the medication should be discontinued. Steroid hormones may be poorly metabolized in patients with

FLUID RETENTION

Oral contraceptives may cause some degree of fluid retention. They should be prescribed with caution, and only with careful monitoring, in patients with condi-tions which might be appraisated by fluid retention. EMOTIONAL DISORDERS

Women with a history of depression should be carefully observed and the drug discontinued if depression recurs to a senious degree CONTACT LENSES

Contact lens wearers who develop visual changes or changes in lens tolerance should be assessed by an ophthalmologist.

enginerations, including women using oral contraceptives. The physical enamination, however, may be definited until after instation of oral contraceptives if requested by the woman and sudged appropriate by the clinician. The physical examination should include special inference to blood pressure, breasts, abdomen and perfect orals, including central cyclology, and relevant laborationy tests, in case of undiagnosed, persistent or recurrent abnormal vaginal bleeding, appropriate measures should be conducted to nule our matignancy. Women with a strong tamby history of breast cancer or who have breast nodules should be monitored with particular care.

LIPID DISCRDERS

Women who are being treated for hyperhoxiemias should be followed closely differences.

Itipi DISORDERS

Women who are being treated for hyperholdermas should be followed closely if they elect to use oral contraceptives. Some progestogens may servate LDL levels and may render the control of hyperholdermas more difficult.

LIVER FUNCTION

If Business develops in any woman receiving such drugs, the medication should be dissportmized. Sicroid hormones may be poorly metabolized in patients with impaired liver function.

FLUID RETENTION

Oral contraceptives may cause some degree of fluid retention. They should be prescribed with caution, and only with carrient mondoring, as patients with conducts which might be appraisated by fluid retention.

EMOTIONAL DISORDERS

Women with a history of depression should be carefully observed and the drug discontinued if depression recurs to a serious degree. CONTACT LENSES

CONTACT LENSES

Contact ters wearts who develop visual changes or changes in lens tolerance should be assessed by an opithalmologist.

DRUG INTERACTIONS

Reduced efficacy and increased incidence of breakthrough bleeding and mensional irregularnies have been associated with concomitant use of ritampin. A similar association, though less marked, has been suggested with barbiturates, phenyloutazions, phenyloutazio

- Certain endocrune and liver function tests and blood components may be affected by oral contraceptives.

 a Increased protriprofibin and factors VII, VIII. IX and X: decreased antifrinombin 3: increased norspinephrine-induced platest apprepaids.

 b. Increased thyroid binding globulan (TBG) leading to increased circulating etal thyroid hormone, as measured by protein-bound addine (PBI). Tell by column or by radioimmunoassay. Free T3 resin uptake is decreased, reflecting the elevated TBG: free T4 concentration is unattered.

 c. Other binding proteins may be elevated in serum.

 d. Sex-hormone binding globulins are increased and result in elevated levels of total circulating sex stroids; however, free or biologically active levels either decrease or remain unchanged.

 e. High-density inportration cholestarol (HDL-C) and triplycerides may be increased, while low-density leoporotein cholesterol (LDL-C) and total circulasterol (Total-C) may be decreased or remain unchanged.

 Glucose tolerance may be decreased.

- Colorose muriante may be depressed by oral contraceptive therapy. This may be depressed by oral contraceptive therapy. This may be of clinical significance if a woman becomes program shortly after discontinuing oral contraceptives.

 CARCINGGENESIS

See WARNINGS section.

10. PREGNANCY
Trigramy Category X. See CONTRAIND/CATIONS and WARNINGS sections.

11. NURSING MOTHERS

NOMESTING MOTHERS

Small amounts of oral contraceptive steroids have been identified in the milk of nursing mothers and a tow adverse effects on the child have been reported, including aundice and breast enterperient. In addition, oral contraceptives given in the postpartum period may interfere with factation by decreasing the quantity and quality of breast milk, if possible, the nursing mother should be advised not to use oral contraceptives but to use other forms of contraception until she has

competerly weared her crudo.

12. SEXUALLY TRANSMITTED DISCASES
Patients should be counseled that this product does not protect against HIV infection (AIDS) and other sexually transmitted diseases.

INFORMATION FOR THE PAYTENT

See Patient Labeling Printed Below

ADVERSE REACTIONS

An increased risk of the following senious adverse reactions has been associated with the use of oral contraceptives (see WARNINGS section):

• Thromboethebitis and venious thrombosis with or without emboksm.

- Arterial thromboembohsm
- Pulmonary embolism
 Myocardial infarction
- Cerebra) hemorrhage
- Cerebral thrombosis
 Hypertension
 Galthladder disease

Hepatic afternormas or benign liver tumors
 The following adverse reactions have been reported in patients receiving oral contraceptives and are believed to be drug-related:

- Vornting
 Gastrontestinal symptoms (such as abdominal cramps and bloating)
- Breakthrough breeding
- Sporting
 Change in menstrual flow
- Temporary intertility after discontinuation of treatment

- cuarrie
 Melasama which may person
 Barast changes: tendemess, enlargement, secretion
 Change in weight (increase or decrease)
 Change in cenneal ensoran and secretion
 Diministron in lactation when given immediately post

Condestants (survice)
 Migraine
 Rigist (stergis)
 Mental depression
 Reduced tolerance to carbohydrates
 Vaginal candidasts
 Change in comeal curvature (steepening)
 Inguistrance to contact lotises
 The following adverse rescriptions have been reported in users of oral contraceptives and the association has been neither confirmed nor refuted:

- Pre-menstrual syndrome
 Cataracts

- Changes in appetite Cystitis-like syndrome Headache
- · Nervousness
- Dizoness Hirsubsm

- Loss of scalp hair Erythema multiforme Erythema nodosum
- Hemorrhagic eruption
- Vagintos Porphyria

- Impaired renal function
 Hemolytic gremic syndrome
 Acne
- Channes in libido
- Budd-Chiarl Syndrome

OVERDOBAGE
Senous all effects have not been reported following acute ingestion of large doses of oral contraceptives by young children. Overdosage may cause nausea, and withdrawal blecting may occur in temales.

NON-CONTRACEPTIVE HEALTH BENEFITS

The following non-contraceptive head, in secretia. The following non-contraceptive health benefits related to the use of oral contraceptives are supported by epidemiological studies which targety utilized oral contraceptive formulations containing estrogen doses exceeding 0.035 mg of ethinyl estradiol or 0.05 mg of mentanol (73-78).

Effects on mensas:

- Effects on mentative cycle regularity

 uncreased mentatival cycle regularity

 decreased blood loss and decreased incidence of iron deficiency anemia

 decreased incidence of dysmenormal

 Effects related to inhibition of onwition:

 decreased incidence of functional ovalian cysts

- thecus reacts of incidence of functional overnan cysis decreased incidence of ectopic pregnancies decreased incidence of ectopic pregnancies decreased incidence of fibroadenomas and labricystic disease of the breast decreased incidence of acute pelvic inflammatory disease
- decreased incidence of acute pelvic infiltring
 decreased incidence of endometrial cincer
 decreased incidence of endometrial cincer
 decreased incidence of overlan cancer

DOSAGE AND ADMENISTRATION

To achieve maximum contraceptive effectiveness, desopestrel and ethinyl estradiol tablets must be taken exactly as directed and at intervals not exceeding 24 hours. Desopestrel and ethinyl estradiol tablets may be instated using either a Sunday start or a Day 1 start.

NOTE: Each cycle pack birster card dispenser is preprinted with the days of the week starting with Sunday, to facilitate a Sunday start regimen. Six different "day label strips" are provided with each cycle pack birster card in order to accommodate a Day 1 start regimen. In this case, the patient should place the self-addresive "day label strip" that corresponds to her starting day over the preprinted days.

21-Day Regimes (Day 1 Start)
The dosage of Desogestrel and Ethinyl Estradiol Tablet 21-Day Regimen for the initial cycle of therapy is one tablet administered daily from the 1st day through the 21st day of the menstrual cycle, counting the first day of menstrual flow as "Day 1." For subsequent cycles, no tablets are taken for 7 days, then a new course is started of one tablet a day for 21 days. The dosage regimen then continues with 7 days of no medication, followed by 21 days of medication, instituting a three-weeks-on, one-week-off dosage

The use of the Desagestrei and Ethinyl Estradiol Tablet 21-Day Regimen for contraceo-The use of the Desopestral and Ethnyl Estradiol Tablet 21-Day Regimen for contracep-tion may be initiated 4 weeks postpartum in women who elect not to breast feed. When the tablets are administered during the postpartum period, the increased risk of throm-boembotic disease associated with the postpartum period must be considered. See CORTRAINDICATIONS and WARNIANGS concerning thromboembotic diseases. See also PRECAUTIONS for "Minsing Nothers." If the patient starts on desopestral and ethnyl estradiol tablets postpartum, and has not yet had a period, she should be instructed to use another method of contraception until a rese-colored tablet has been taken daily for 7 days. The possibility of ovulation and conception prior to initiation of medication should be considered. If the patient misses one (1) active tablet in Weeks 1, 2, or 3, the solid should be before as coon as whe remembers. If the patient misses how (2) active should be considered. If the patient misses one (1) active tablet in Weeks 1, 2, or 3, the tablet should be taken as soon as she remembers. If the patient misses how (2) active tablets in Week 1 or Week 2, the patient should take two (2) tablets the day she remembers and two (2) tablets the next day, and then continue taking one (1) tablet a day until she finishes the pack. The next day, and then continue taking one (1) tablet a day until the control if she has say in the seven (7) days after missing pills. If the patient misses two (2) active tablets in the third week or misses three (3) or more active tablets in a row, the patient should throw out the rest of the pack and start a new pack that same day. The patient should be instructed to use a back-up method of birth control if she has sex in the seven (2) deeps after mission of the in the seven (7) days after missing pills.

21-Day Regisses (Senday Start)
When taking the Desogestret and Ethinyl Estradiol Tablet 21-Day Regimen, the first rose-colored tablet should be taken on the first Sunday after menstruation begins if period begins on Sunday, the first rose-colored tablet is taken on that day. If switching period begins off Sithlary, are lists rose-control about its sacret on lists car, in available, directly from another one contraceptive, the first rose-colored labels aboud be taken on the first Sunday after the last ACTIVE tablet of the previous product. One rose-colored tablet is taken daily for 21 days. For subsequent cycles, no tablets are taken for seven days, then a new course is started of one tablet a day for 21 days instituting a 3-weeks-on, one-week-off dosage regimen. When another method of contraception should be used until after the first 7 consecutive days of within interaction.

The use of Desogestrel and Ethinyl Estradiol Tablet 21-Day Regimen for contraception may be initiated 4 weeks postpartum in women who elect not to breast feed. When the tablets are administered during the postpartum period, the increased risk of throm-boembolic disease associated with the postpartum period must be considered. See CONTRAINDICATIONS and WARNINGS concerning thromboembolic disease. See vice

They Regimen (Renday Start)

21-Day Regimen (Renday Start)

12-Day Regimen (Renday Start)

The Desoposter and Ethenyt Estradiol Tablet 21-Day Regimen, the first trose-colored tablet should be taken on the first Sunday after menstruation begins. If period begins on Sunday, the first rose-colored tablet is taken on that day, it switching intercity from another oral contransitive, the first Sunday after the last ACTIVE tablet of the previous product. One rose-colored tablet is taken daily for 21 days for subsequent cycles, no tablets are taken tor seven days, then a new course is started of one tablet a day for 21 days instituting a 3-weeks-on, one-week-off dosage regimen. When mixiating a Sunday start regimen, another method of contraction should be used until after the first 7 consecutive days of administration.

admenstration.

The use of Desogestrel and Ethinyl Estradual Tablet 21-Day Regimen for contraception may be intasted 4 weeks postpartium in women who elect not to breast feed. When the tablets are admenstered during the postpartium period, the increased risk of thromboempolic disease associated with the postpartium period must be considered. (See CONTRAINDIGATIONS on WARNINGS concerning thromboembotic ossess. See also PRECAUTIONS for "Nursing Mothers.") If the patient starts on desogestrel and ethinyl estration tablets postpartium, and has not yet had a period, she should be instructed to use another method of contraception until a rose-colored tablet has been taken daily for 7 days. The possibility of ovulation and conception prior to instration of medication should be considered. If the patient misses one (1) active tablet in Weets 1.2. or 3, the tablets in Weet. 1 or Weet 2, the patient instructed to use a back-up method of borth control if she has sex in the server (7) days farth missing pilot, if the patient misses the finishes the pack. The patient should be instructed to use a back-up method of birth control if she has sex in the server (7) days farth missing pilot, if the patient insisse the same misses the patient should combine taking one (1) active tablets in the patient missing birs, if the patient should introw out the rest of the pack and start a new pack that same day. The patient should introw out the rest of the pack and start a new pack that same day. The patient should be instructed to use a back-up method of birth control if she has sex in the sexen should be instructed to use a back-up method of birth control if she has sex in the seven (7) days after missing pills.

28-Day Regimen (Day 1 Start)

The dosage of Desogestrel and Ethinyl Estradiol Tablet 28-Day Regimen for the initial cycle of therapy is one tablet administered daily from the 1st day through 21st day of the meristrial cycle, counting the first day of menstrial flow as "Day 1." Tablets are taken without interruption as follows: One rose-colored tablet daily for 2 days, then one which state daily for 7 days. After 28 lablets have been taken, a new course is started and a rose-colored tablet is taken the next day.

and a rose-cotored tablet is taken the next day.

The use of the Desogestret and Ethinyl Estradrol Tablet 28-Day Regimen for contraception may be intiated 4 weeks postpartium in women who elect not to breast feed. When the tablets are administered during the postpartium period, the increased risk of thromboembolic disease associated with the postpartium period must be considered. (See CONTRANDICATIONS and WARNINGS concerning thromboembolic disease. See also PRECAUTIONS for "Nursing Mothers.") If the patient starts on desogestimi and ethinificational disease postpartium, and has not yet had a period, the should be instructed to use another method of contraception und a rose-colored tablet has been taken daily for 7 days. The possibility of orustation and conception prior to initiation of medication should be considered. If the patient misses one (1) active tablet in Weeks 1, 2 or 3, the tablet should be taken as soon as she remembers. If the patient insess two (2) tablets the day that the patient should take two (2) tablets the day white tablets in the tablets the next day, and then continue taking one (1) tablet a day until the control if she has sex in the seven (7) days after missing pits, if the patient misses two (2) active tablets in the third week or misses through as in the patient should third would be instructed to use a back-up method of birth control if she has sex in the seven (7) days after missing pits, if the patient misses two (2) active tablets in the third week or misses three (3) or more active tablets in the third week or misses three (3) or more active tablets in the active tablets in the patient should throw out the rest of the pack and start a new pack that same day. the patient should throw out the rest of the pack and start a new pack that same day. The patient should be instructed to use a back-up method of birth control if she has see in the seven (7) days after missing pdfs.

in the seven (7) days aner missing pais.

28-Day Regisnes (Sunday Start)

When taking the Desogestrel and Ethanyl Estration Tablet 28-Day Regisnen, the first rose-colored tablet should be taken on the first Sunday after menstreation begins. If period begins on Sunday, the first rose-colored tablet is taken on that day, it switching directly from another oral contraceptive, the first rose-colored tablet should be taken on the first Sunday after the last ACTIVE tablet of the previous product. Tablets are taken without infarruption as follows: One rose-colored tablet dayly for 7 days, then one white tablet darly for 7 days. After 28 tablets have been taken, a new course is started and a rose-colored tablet is taken the next day (Sunday). When initiating a Sunday start regimen, another method of continueption should be used until after the first 7 consecutive days of administration.

The use of Desogestrel and Ethinyi Estradiol Tablet 28-Day Regimen for contraception may be indiated 4 weeks postpartum. When the tablets are administered during the postpartum period, the increased risk of thromboemboke disease associated with the postpartum period must be considered. (See CONTRAINDICATIONS and WARNINGS concerning thromboemboke disease. See also PRECAUTIONS for "Nursing Mothers.") concerning thromboembolic disease. See also PRECAUTIONS for "hursing Mothers," in the patient starts on desogestrel and efterning estimated tablets postparium, and has not yet had a period, she should be instructed to use another method of contraception until a rose-colored tablet has been taken daily for 7 days. The possibility of ovulation and conception prior to initiation of medication should be considered. If the patient misses one (1) active tablet in Weeks 1, 2, or 3, the tablet should be taken also on as she remembers. If the patient misses two (2) active tablets in Week 1 or Week 2, the patient should be taken two (2) tablets the day she remembers and two (2) tablets the next day, and then continue taking one (1) tablet a day until she invishes the pack. The patient should be continued taking one (1) tablet a day until she invishes the pack. The patient should be continued to the see a remember of the memory (2). be instructed to use a back-up method of birth control if she has sex in the seven (7)

days after missing pills. If the patient Misses two (2) active tablets in the third week or only amer missing pers. In the papers misses will (2) acree (3) or more tablets an a five, the patient should continue taking one tablet every day until Sunday. On Sunday, the patient should throw out the rest of the patient should be instructed to use a back-up method of birth control if she has sex in the seven (7) days after missing pits.

ALL GRAL CONTRACEPTIVES

ALL GRAL CONTRACEPTIVES
Preakmough it bedding, spotting, and amenormed are frequent reasons for patients discontinuing oral contraceptives. In breakthrough beedding, as in all cases of irregular bleeding from the vagina, northinoconal causes should be borne in main in undignosed persistent or recurrent abnormal bleeding from the vagina, adequate deapnostic massures are indicated to rule out oreginancy or matignancy. If pathodogy has been excluded, time or a change to another formulation may solve the problem. Changing to an oral contraceptive with a higher estrogen content, white potentially useful in manimizing mensitival irregularity, should be done only if necessary since this may increase the risk of thromboembolic disease.
Use of oral contraceptives in the event of a missed mensitual period.

If the entired has not adherent to the prescribed schedule, the conscibitive of prec-

in the continue price in the event of the prescribed schedule, the possibility of preg-rancy should be considered at the time of the first massed period and oral con-traceptive use should be discontinued until pregnancy is ruled out if the patient has adhered to the prescribed regimen and masses two consecutive

periods, pregnancy should be ruled out before continuing oral contraceptive use

HOW SUPPLIED

How SUPPLED Desopestrel and Ethinyl Estradiol Tablet 28 Day Regimen biaster cards contain 21 round, unscored, rose-colored tablets and 7 round, unscored white tablets, Each rose-colored tablet (debossed with "\$" on one side and "575" on the other side) contains 0.15 mg desopestrel and 0.03 mg ethinyl estradiol. Each white tablet (debossed with "\$" on one side and "570" on the other side) contains nert ingredients.

Cartons of 6 biaster cards NDC# 51285-576-28.

Desogestrei and Ethinyl Estradiol Tablet 21 Day Regimen blister cards contain 21 round, unscored rose-colored tablet (debossed with "\$" on one side and "575" on the other side) contains 0.15 mg desogestrel and 0.03 mg ethinyl estra-

ons of 6 blister cards NDC# 51285-575-21.

STORAGE: Store at controlled more temperature 15"-30°C (59"-86"F).

R only

DURAMED PHARMACEUTICALS, INC. CINCHINATI, OHIO 45213 USA

REFERENCES

1. Hatcher PA, et al. 1994: Contraceptive Technology: Stolechth Revised Edison, New York, NY. Invingion Publishers. 2. Stade BV, Oral contraceptives and cardiovascular disease. (Pt. 1). N. Engl. J Med 1981; 305: 678-677. 4. Adam SA. Thoropood M. Doll of Oral contraceptives and cardiovascular disease. (Pt. 2). N. Engl. J Med 1981; 305: 677-677. 4. Adam SA. Thoropood M. Doll of Processing patterns. 6r. J Obstel and Gynecol 1981; 88: 638-845. 5. Thoropood M. Doll R. Myocardia; infarction in young women with special reference to oral contraceptive sanction. Br. Med. J 1975; 2(565):245-248. 8. Mann. J. I. More and earth from myocardial infarction. Br. Med. J 1975; 2(565):245-248. 8. Mann. J. Wessey MP. Thoropood M. Doll R. Myocardial infarction. In young women with special reference to oral contraceptive scribes. Br. Med. J 1975; 2(565):241-245. 7. Royal College of General Practitioners' Oral Contraception Study. Further analyses of mortality in oral contraceptive uses. In sect. 1981; 1:541-546. 8. Stoan D. Shapin S. S. Kaufman DW. Rosenberg L. Metrimen DS. Stolley PD. Black of myocardial infarction in relation to current and discontinued use of oral contraceptives. N. Engl. J. Med. 1981; 305-420-421. 8. Vessey MP. Fernate homes and vascular research an geterinological conviewe. Br. J. Bran Plann 1980; 6:1-121. 18. Russel-Branel RG. Ezzal TM, Futwood R. Perlman JA. Murphy RS. Cardiovascular nisk status and oral contraceptive use. United States. J. MPA BD. Prevent Med 1986; 7:253-252. 11. Goldbaum GM. Kenfrick JS. Hopelin GG. Gantry EM. The relative impact of smoking and contraceptive use. United States. J. Man. 1987; 253-133-342. 12. Layde PM, Beral V. Further analyses of mortality in oral contraceptives and post-menousial strongers. J Reprod Med 1986; 3(19) (Supplement):913-921. It. Krauss MR. Roy S. Mistell DR. Casagnarde J. Pike MC. Effects of two low-loss oral contraceptives are some ligits and loporotens; Differential changes; in high-density loporotens: Differential changes; in high-density loporot

boss. N Engl J Med 1973. 288/871-878. 28. Petrati DB. Wingerd J. Use of oral contraceptives, apparette smoking, and risk of substracting themorrhage. Lancet 1978: 2 234-236. 29. Imman WH. Oral contraceptives and statul substracting themorrhage. Barnet 1978: 2 234-236. 29. Imman WH. Oral contraceptives and statul substracting themorrhage. Briffed J 1979: 2 (2603):1468-70. 20. Collaborative Group for the Study of Stroke in Young Women: discontraceptives and stroke in young women: associated nest sectors. JAMA 1975: 231:718-722. 31. Imman WH. Vessey MP. Westerholm B. Engelund A. Thromboembobs daease and the steroold content of oral contraceptives. A report to the Committee on Safety of Dings. Br Med J 1970; 2203-209. 32. Meade TW. Greenberg G. Thromson Sc. Propestopers and carbonascular macrons associated with oral contraceptives and a commarison of the safety of SD- and 35-mog pestropen preparations. Br Med J 1980, 280 (6224):1157-1161. 33. Kay CR. Progestopers and arterial disease-envidence from the Royal College of General Practitioners: Study. Am J Obstet Gynecol 1982; 142:762-765. 34. Royal College of General Practitioners: Mondence of anterial disease among oral contraceptive users. J Royal Coll Gen Professor 1983: 3:375-82. 35. Ony HW. Montality associated with fertifity and tertifity control 1983; Family Pulming Perspectives 1983; 5:5-56. 35. The Cancer and Second formore Study of the Centers for Desase Control and the National Institute of Child Health and Human Development: Oral-contraceptive use and the risk of brigast cancer risk in young women and use of oral contraceptives; possible modifying effect of formulation and age at use. Lancet 1983; 2:926-829, 38, Paul C. Skoog DC. Sours GS. Kaldor J M Ordi contraceptives and breast cancer. A rational study of the Centers of the Cancer risk in retison to early oral contraceptive Use. Obstet Gynecol 1986; 86:80-888. 40. Oson H. Obson to Sunday (R. Dour R. Royerts). Lancet 1985; 2:744-749 41. McPharson K. Vessey M. Nei A. Dou R. Jones H. Ransstam J. Holm P. O S. Breigil Carrior from in young women and use of used surrounding and part of formatishin and gas a use. Larcet 1983; 2420-869. Mr. p. C. Sudgi DR Spars 575, Kaddor JM from contraceptives and breast cancer. A national study. G. Sudgi DR Spars 575, Kaddor JM from contraceptives and breast cancer. A national study. School JM 1988; 2520-2520. Mr. p. 252-2520. Mr. p. p. 252-2520. Mr. p. 252-2520. J. Epidemiol 1989:129:269-280. 85. The UK National Case-Commol Study Group. Oral contraceptive use and breast cancer risk in young woman, Luncia 1989:1973-862. 87. Schlesseiman JJ. Cancer of the breast and reproductive tract in reason to use of oral contraceptives. Contraception 1989: 61-13. 88. Vessey MP. McPherson K, Villard-Mackintosh L, Yeats D. Oral contraceptives and breast cancer: latest nodings in a long ecohort study. Br. J. Cancer 1989: 59-613-617. 89. Jick SS. Walker AM. Scripachis A. Jick H. Oral contraceptives and breast cancer. Br. J. Cancer 1989: 59-513-621. 80. Godstand, I et al. The effects of different formulations of oral contraceptive agents on spid and carbohydrain reproductions. Ph. J. Cancer 1989: 59-513-621. 80. Godstand, I et al. The effects of different formulations of oral contraceptive agents on spid and carbohydrain reproductions. Ontraception and androgen receptor binding of projectioner. HJ et al. Selectivity in projectione and androgen receptor binding of projections used in oral contraception. Contraceptions. Journal of the Visser. J. Endocrinological studies with desogestrel. Armeim. Forsch./Drug Res., 1983: 33(1):2231-6. 90. Data on file. Organon Inc., 98. Fotherby, K. Oral contraceptives. Books and cardovascular desasses. Contraceptions, 1995: 13. 14. 367-94. 86. Euritoria. DML et al. Reduced sex hormone binding globular and desired fire testisterione levels in woman with severe acre. Clinical Endocrinology, 1981:15:87-91. 96. Culberry, G. et al. Effacts of a low-dose descripestrel-chingle seriade) combination on historiatem, and organization and free tessostrone Audi. 1987: 156:199-203. 88. Hydronic Organization and free tessostrone Audi. 1987: 156:199-203. 88. Hydronic orally syndrome. Acta Obstet China Serial Serial Serial Contraceptives and based in Devolution of New Month. II. Diverger Ferial Stenii. 1984:42-44-51. 89. Palatis. R et al. Serial serial braid braid braid or levenoregister Ferial Stenii. 1984:42-44-51. 89. Palatis. R et al. Serial testion related with two di

Brief Summary Patient Package Insert

Desogestrel and Ethinyl Estradiol Tablets

___Ronty_

Oral contraceptives, also known as "birth control pills" or "the pill," are taken to prevent pregnancy, and when taken correctly, have a facture rate of about 1% per year when used without missing any pills. The typical fature rate of large numbers of pill users is less than 3% per year when women who miss pills are included. For most women, onel con-traceptives are also free of senious or unpleasant side effects. However, forgetting to take pills contaiderably increases the chances of pregnancy.

For the majority of women, oral contraceptives can be taken safely. But there are some women who are all high risk of developing certain serious diseases that can be life-threatening or may cause temporary or permanent disability. The risks associated with taking oral contraceptives increase Sonthcarity if you:

• smoke

• smoke
• smoke
• have high blood pressure, dabetes, high cholesterol
• have or have had dicting disorders, learn attack, stroke, angura pectoris, cancer of the brast or sex organs, sumple or matignant or beings here tumors.
Attrought cardiovascular disease make may be increased with oral contraceptive use after age 40 in healthy, non-smoking women (even with the newer low-dose formulations). There are also greater povertial health risks associated with pregnancy in older

You should not take the pill if you suspect you are pregnant or have unexplained vag-

Cigarotte stanking increases the risk of serjets carsiovascular side effects from oral contraceptive use. Titls risk increases with age and with barry smalling (15 or more cigarettes per easy) and is quite suppled in where over 25 years of age. Women who exa oral obstraceptives are strungly advised not to smalls.

Most side effects of the pull are not seniors. The most common such effects are nausea, vomiting, bleeding between menstrual periods, weight guin, breast tendermiss, headache, and difficutly wearing contact lenses. These side effects, especially nausea and vomiting, may subside within the first three months of use.

- and vorning, may subside within the first time months of the The serious side effects of the pill occur very infrequently, especially if you are in good heath and are young. However, you should know that the following medical conditions have been associated with or made; worse by the pill:

 Blood clots in the legis (thrombophethes) or knings (pulmonary embolism), stop-page or rupture of a blood vessel in the brain (stroke), blockage of blood vessels in this heart (heart attack or anging peculars) or other organs of the body. As men-tioned above, smoking increases the risk of heart attacks and strokes, and sub-sequent serious medical consequences.
- sequem serious medical consequences.

 Live: tumors, which may rupture and cause severe bleeding. A possible but not definite association has been found with the pill and liver cancer. However, liver cancers are extremely rare. The chance of developing liver cancer from using the pill is thus even rarer.

 High blood pressure, although blood pressure usually returns to normal when the

The symptoms associated with these senous side effects are discussed in the detailed patient labeling given to you with your supply of pills. Notify your doctor or climic if you notice any unusual physical disturbances while taking the pill, in addition, drugs such as riflampin, as well as some articonvulsants and some artibiotics may decrease oral contraceptive effectiveness.

contraceptive effectiveness. There is confict among studies regarding breast cancer and oral contraceptive use. Some studies have reported an increase in the risk of developing breast cancer, particularly at a younger age. This increased risk appears to be related to duration of use. The majority of studies have found no overall increase in the risk of developing breast cancer. Some studies have found an increase in the incidence of cancer of the cervix in women who use oral contraceptives. However, this finding may be related to factors other than the use of oral contraceptives. There is insufficient evidence to rule out the poslibiting that pills may cause such cancers.

Tak no the pill provides some important non-contraceptive benefits. These include less painful menstruation, less menstrual blood loss and anemia, tever pelvic infections, and tewer cancers of the ovary and the lining of the uterus.

newer cancers or the ovary and the immig of the uterus.

Be sure to discuss any medical condition you may have with your doctor or clinic. Your doctor or clinic will take a medical and family history before prescribing oral contraceptives and will examine you. The physical examination may be detayed to another time if you request d and your doctor or clinic believes that it is a good medical practice to pospone if You should be reexamined at least once a year white taking oral contraceptives. The detailed patient information tabeling gives you further information which you should read and discuss with your doctor or clans.

THIS PRODUCT (LIDE ALL GRAL CONTRACEFTIVES) IS INTENDED TO PREVENT PREGNANCY. IT DOES HOT PROTECT AGAINST TRANSMISSION OF RITY (AIDS) AND OTHER SEXUALLY TRANSMITTED DISEASES SUCH AS CHLANYDIA, GENITAL HER-PES, GENITAL WARTS, GONDERDHEA, HEPATITIS B, AND SYPHALIS.

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Be sure to discuss any medical condition you may have with your doctor or cinic. Your doctor or cinic will take a medical and tamily history before prescribing oral contraceptives and write examine you. The physical examination may be delayed to another time it you request it and your elector or clinic believes that it is a good medical practice to postpone it. You should be reexamined at least once a year white training oral contraceptives. The detailed patient information tabeling gives you further information which you should read and discuss with your doctor or clinic.

STRUM IGGS AND MORES WATH YOUR COURT OF VALUE.

THIS PRODUCT (LINE ALL ORAL CONTRACEPTIVES) IS WITEMORD TO PREVENT PREBRUMOV. IT DOES NOT PROTECT AGAINST TRANSMISSION OF HAY (ALDS) AND OTHER SEXUALLY TRANSMITTED DISEASES SUCH AS CHLAINYDIA. GENITAL HER-PES, GENITAL WARTS, CONDRINGA, HEPATITIS I). AND SYPHILLS.

DETAILED PATIENT LABELING

<u>PLEASE NOTE:</u> This inhelling is revised from time to time as important new soutizal information becomes available. Therefore, please review this tabelling carefully. The following oral contraceptive products contain a combination of progestogen and estrogen, the two kinds of temale hormones:

pestrul and Ethioyi Estradiol Tablel 26 Day Regimen Blister Cord Each rose-colored tablet contains 0.15 mg desogestrel and 0.03 mg ethinyl estradiol Each white tablet contains earl ingredients.

Desognatival and Ethinyl Extraction Tablet 21 Day Regiones Milister Card Each rose-colored tablet contains 0.15 mg desognates and 0.03 mg estunyl estradiol.

INTRODUCTION

Any woman who considers using oral contraceptives (the birth control pill or the pit) should understand the benefits and risks of using this torm of birth control. This patient labeling will give you much of the information you will need to make this decision and will also help you desarraine if you are at risk of developing any of the senious side effects of the pill, it will be the you how to use the pill properly so that it will be as effective as possible. However, this labeling is not a replacement for a careful descussion between you and your doctor or clinic. You should decous the information provided is this tabeling with him or her, both when you trist start taking the pill and during your revisits. You should also follow your doctor's or clinic's advice with regard to regular check-aps white you are on the pill.

EFFECTIVENESS OF ORAL CONTRACEPTIVES

EFFECTIVENESS OF ORAL CONTRACEPTIVES

Oral contraceptives or "birth control gals" or "the pill" are used to prevent pregnancy and are more effective than other non-surgical methods of birth control. When they are taken correctly, the chance of becoming pregnant is less than 1% (1 pregnancy per 100 women per year of use) when used perfectly, without missing any pils. Typical failure rates are actually 3% per year. The chance of becoming pregnant increases with each missed pill during a mensitual cycle.

In comparison, typical failure rates for other non-surgical methods of birth control during the first year of use are as follows:

Implaint:

1%

1100:

100:

101:

102:

102:

103:

Diaphragm with spermicides:
Spermicides alone:
Vaginal sponge:
Cervical Cap: 18 to 36% Condom alone (male): Condom alone (female); 12% 21% Periodic abstin

WHO SHOULD NOT TAKE ORAL CONTRACEPTIVES

Cigarette smoking increases the risk of serious cardiovascutar side effects from oral contraceptive sea. This risk increases with age and with heavy smoking (15 or some cigarettes per day) and is quite marked in women over 35 years of age. Weren who case was contraceptives are smooply advised not to

Some women should not use the pill. For example, you should not take the pill if you are pregnant or think you may be pregnant. You should also not use the pill if you have

- are pregnant or time you may be pregnant, rou should also not use the paint you have any of the following conductions:

 A history of heart attack or stroke
 Blood clots in the large (thrombophiabitis), lungs (pulmonary embolism), or eyes
 A history of blood clots in the deep years of your lags
 Chest pain (anying spectors)
 Known or suspected breast cancer or cancer of the inlang of the uterus, cervix or

wagma

Unexplained vaginal bleeding (until a diagnosis is reached by your doctor)

Yellowing of the whites of the eyes or of the skin (jaundice) during pregnancy or during previous use of the pill

Liver turnor (benign or caracterous)

Known or suspected pregnancy

Tell your doctor or chinic if you have ever had any of these conditions. Your doctor or clinic can recommend a safer method of birth control

OTHER CONSIDERATIONS BEFORE TAKING DRAL CONTRACEPTIVES Tell your doctor or climic if you have or nave had: Breast nodules, fibrocystic disease of the breast, an abnormal breast x-ray or mam-

- Elevated cholesterol or triglycerides
- High blood pressure Migraine or other headaches or epilensy
- Mental decression
- Gallbladder, heart or kidney disease

 History of scarnty or irregular menstrual periods
 Women with any of these conditions should be checked often by their doctor or clinic if they choose to use oral contraceptives. Also, be sure to inform your doctor or clinic if you smoke or are on any medications

RISKS OF TAKING ORAL CONTRACEPTIVES

1. Risk of developing blood clots.

Blood clots and blockage of blood vessels are one of the most serious side effects of taking oral contraceptives and can cause death or serious disability in particular, a clot in one of the legic can cause thrombophebia and a clot that travels to the tungs can cause a sudden blocking of the vessel carrying blood to the lungs. These risks are

greater with desogestrel-containing oral contraceptives, such as desogestrel and ethingly estradiot tablets, than with other low-dose pills. Rarely, clots occur in the blood vessels

estradiot tablets, than with other low-dose pills. Rarely, clots occur in the blood vessels of the eye and may cause bindness, double vision, or impaired vision, it you take oral contraceptives and need elective surgery, need to stay in bed for a prolonged kiness or have recently delivered a baby, you may be at risk of developing blood clots. You should consult your doctor or climic about stopping oral contraceptives three to four weeks before surgery and not taking oral contraceptives for two weeks after surgery or during bed rest. You should also not take oral contraceptives soon giter delivery of a baby, in a advisable to wait for at least four weeks after soongon, if you are not breast feeding or four weeks after a second timester abornon, if you are breast feeding, you should wait with you have wearned your child before using the pill. (See also the section on Breast Freiding in General Precautions.).

The risk of circulatory disease in oral contraceptive users may be higher in users of high dose pills and may be greater with longer durington of oral contraceptive use. In addition,

dose gills and may be greater with longer duration of oral contraceptive use. In addition, some of these increased risks may continue for a number of years after stopping oral contraceptives. The risk of abnormal blood clotting increases with age in both users and contraceptives. The risk of abnormal boold coming increases with age in both users and oncusers of oral contraceptives, but the increased risk from the roal contraceptive appears to be present at all ages. For women aged 20 to 44 d is estimated that about 1 in 2,000 using oral contraceptives will be hospitatived each year because of abnormal lootting. Among nonusers in the same age group, about 1 in 20,000 would be nospital-ized each year. For oral contraceptive users in general, it has been estimated that in women between the ages of 15 and 34, the risk of death due to a circulatory disorder is soout 1 in 12,000 per year, whereas for nonusers the rate is about 1 in 9,000 per year in the age group 35 to 44, the risk is estimated to be about 1 in 2,500 per year for oral contraceptive users and about 1 in 10,000 per year for nonusers.

Christophere base about 11 to the base of the state of th of developing and dying of heart disease

Galibbader disease
 One commonths users probably have a greater risk than nonusers of having galibladder disease, atthough this risk may be related to pills containing high doses of estro-

4. Liver temors.
In rare cases, oral contraceptives can cause beingn but dangerous liver turnors. These beingn inver turnors can rupture and cause tatal internal bleeding. In addition, a possible but not definite association has been found with the pit and liver cancers in two studies, in which a few women who developed these very rare cancers were found to have used oral contraceptives for long periods. However, liver cancers are rare.

Note used on a consistentive argain and breasts. Inverver, ever cancers are rare.

5. Cancer of the reproductive argains and breasts.

There is contrict among studies regarding breast cancer and oral commonters use.

Some studies have reported an increase on the risk of developing breast cancer, participity at a younger age. This increased next appears to be related to duration of use. The majority of studies have found no overall increase in the risk of developing breast cancer.

Some studies have found an increase in the incidence of cancer of the cervix in women who use oral contraceptives. However, this finding may be related to factors other than the use of oral contraceptives. There is insufficient evidence to rule out the possibility that pills may cause such cancers.

ESTIMATED RISK OF DEATH FROM A BIRTH CONTROL METHOD OR PREGNANCY

All methods of birth control and pregnancy are associated with a risk of driveloping ce-tain diseases which may lead to disability or death. An estimate of the number of deaths associated with different methods of birth control and pregnancy has been calculated and is shown in the following table.

AMOUAL MUNIBER OF BIRTH-RELATED OR METHOD-RELATED DEATHS ASSOCIATED WITH CONTROL OF FERTILITY PER 180,800 NON-STERILE WOMEN, BY FERTILITY CONTROL METHOD ACCORDING TO AGE

Method of control and extrome	15-19	20-24	25-29	20-34	25-39	49-44
No fertility control methods*	7.0	7.4	9.1	14.B	25.7	28.2
Oral contraceptives non-smoker**	0.3	0.5	0.9	1.9	13.8	31.6
Oral contraceptives smoker **	2.2	34	6.6	13.5 -	51.1	117.2
IUD	0.8	8.0	1.0	1.0	1.4	1.4
Condom*	1.1	1.6	0.7	0.2	03	. 04
Diaphragm/spermicide*	1.9	1.2	1.2	1.3	2.2	2.8
Penodic abstinence*	2.5	1.6	1.6	1.7	2.9	36

- Deaths are birth related

In the preceding table, the risk of death from any birth control method is less than the risk of childbirth, except for oral contraceptive users over the age of 35 who smoke and pid users over the age of 40 even if they oo not smoke, it can be seen in the table that for women aged 15 to 39, the risk of death was highest with pregnancy (7-26 deaths or 100,000 women, depending on age), Among pill users who do not smoke, the risk of death was always lower than that associated with pregnancy for any age group, although over the age of 40, the risk increases to 32 deaths per 100,000 women, compared to 28 associated with pregnancy at that age. However, for pill users who smoke and are over the age of 35, the estimated number of deaths exceeds those for other methods of brint control. If a woman is over the age of 40 and smokes, her estimated risk of death is four times higher (117/100,000 women) in that the estimated risk associated with pregnancy (28/100,000 women) in that age group. The suggestion that women over 40 who do not smoke should not take oral contraceptives is based on information from other, higher-dose pills. An Advisory Committee of the FDA descussed this issue in 1989 and recommended that the benefits of low-dose oral contraceptive use by heathly, non-smoking women over 40 years of age may out-

oral contraceptive use by healthy, non-smoking women over 40 years of age may out-weigh the possible risks

WARNING SIGNAL S

If any of these adverse effects occur while you are taking oral contraceptives, call your doctor or choic immediately

- est pain, coughing of blood, or sudden shortness of breath (indicating a possible clot in the lung)

- possible dot in the lung)
 Pain in the calf (indicating a possible clot in the leg)
 Crushing chest pain or heaviness in the chest (indicating a possible heart attack)
 Sudden severe headache or vormiting, dizzmess or fainting, disturbances of vision
 or speech, weakness, or numbress in air air no relig (indicating a possible stroke)
 Sudden partial or complete loss of vision (indicating a possible clot in the eye)
 Breast lumps (indicating possible breast cancer or forrocystic disease of the
 breast cancer your doctor or chinc to show you how to examine your breasts)
 Severe pain or landerness in the stomach area (indicating a possibly ruptured
 liver humps).

- Difficulty in sleeping, weakness, tack of energy, fatigue, or change in mood (pos-
- Statistics of a system of the skin or eventy, langue, or change without (pos-sibly indicating sowere depression).

 Jaundice or a yellowing of the skin or eyebatis, accompanied frequently by tever, strigue, loss of appetite, dank colored urme, or light colored bowel movements (indicating possible liver problems).

WARRING CHALLS

If any of these adverse effects occur white you are taking oral contraceptives, call your doctor or chine immediately.

- for or thrice immediately.

 Sharp chest pain, coughing of blood, or sudden shortness of breath (indicating a possible chot in the large). Pain in the call (indicating a possible chot in the leg). Pain in the call (indicating a possible habit attack). Sudden severe headaphe or worndring, dizzness or fainting, disturbances of vision or speech, weatness or intembress in air aim or leg (indicating a possible shoet; Sudden partial or complete loss of vision (indicating a possible clot in the eye). Breast jumps (indicating a possible breast claim or in throughout deserting and indicating a possible of the breast; ask your dictor or claim to show you how to examine your preasts.) Severe pain or lenderness in the stomach area (indicating a possibly ruptured liver turnor).

- Severe pair or enterings at the administration of the history in steeping, weathests, tack of energy, fatigue, or change in mood (possibly inducating severe depression). Alamotice or a welforing of the sten or eyeballs, accompanied frequently by fever fatigue, loss of appetite, dark colored tinne, or light colored bowel movements (inducating possible liver problems).

SIDE EFFECTS OF ORAL CONTRACEPTIVES

SIDE EFFECTS OF ORALL CONTRACEPTIVES

 Vaginal bleeding
 Inregular vagnal bleeding or spotting may occur while you are taking the pills. Irregular bleeding may vary from sight staining between mainstrual periods to breakthrough bleeding which is a flow much like a regular period. Irregular bleeding occurs most other during the linst lew months of oral contraceptive use, but may also occur after you have been taking the pill for some time. Such bleeding may be temporary and usually does not indicate any senious problems. It is important to contrace taking your pills on schedule. If the bleeding occurs in more than one cycle or lasts for more than a few days, talk to your doctor or clans.

Postatil feature

Contact legales
 If you wear contact legales and notice a change in vision of an mabbity to wear your lens
 es, contact your doctor or clinic.

3. Fluid retentio

Oral contraceptives may cause edema (fluid retention) with swelling of the fingers or arities and may raise your blood pressure, it you experience fluid retention, contact your doctor or chinc.

4. Melasma
A sportly darkening of the skin is possible, particularly of the face, which may persist

Other side effects
 Other side effects may include nausea and vomiting, change in appetite, headache, ner-vousness, depression, dizziness, loss of scalp hair, risth, and vaginal intections.
 If any of these side effects bother you, call your doctor or care;

GENERAL PRECAUTIONS

GENERAL PRECAUTIONS

1. Missaid periods and use of gral continuouslyives before or during early programary. There may be times wrisely you may not menstruate regularly after you have completed taking a cycle of pills, if you have taken your pills regularly and mass one menstrual period, continue taking your pills for the need cycle but he sure to inform your doctor or not before doing so. If you have not taken the pills daily as instructed and mossed a menstrual period, you may be pregnant. If you massed two consequence menstrual periods, you may be pregnant. On not continue to take or al contraceptowes until you are pregnant. On not continue to take or al contraceptowes until you are sure you are not pergnant, to continue to take or al contraceptowe until you are sure you are not pergnant, but continue to take or all contraceptowes until you are sure you are not pergnant, but continue to take or all contraceptowes until you are sure you are not pergnant, but continue to take or all contraceptowes until you are sure you are not pergnant, but continue to take or all contraceptowes until you are sure you are not pergnant or continue to take or all contraceptowes ones. If you have not been seen in more recent studies. Nevertheless, or all contraceptives or any other drugs should not be used during betgance, unless clearly necessary and presorned by your doctor or chinc. You should check with your doctor or chinc soul risks to your unborn child of any medication taken during pregnancy.

2. While breast teeding

chaic about risks to your unborn child of any medication taken during pregnancy.

2. While breast leeding
if you are breast leeding, consult your doctor or clinic before starting oral contracebuses. Some of the drug will be passed on to the child in the milk. A few adverse effects on the child have been reported, including yetdowing of the skin (paindice) and breast enargement. In addition, oral contracebuses may decrease the amount and quality of your milk. If possible, do not use oral contracebuses while breast leeding, You should use another method of contraception since breast feeding provides only partial protection from becoming pregnant and this partial protection decreases significantly as you breast feed for longer peniods of time. You should consider starting oral contraceptives only after you have weared your child completely.

3. Interpretable settle.

Laboratory less:

If you are scheduled for any laboratory tests, sell your doctor or clinic you are taking birth control pills. Certain blood tests may be affected by birth control pills.

4. Drue interactions

4. Drog interactions:
Certain drugs may interact with birth control pills to make them less effective in prevening pregnancy or cause an increase in breakthrough bleeding. Such drugs include mampin, drugs used for epilepsy such as barbhirates for example, phenolarbidal) anticorrivisants such as sarbamazepine (Tegratol 6 one brand of this drug), phenytom (Dilartin is one brand of this drug), phenytom efforcing in ambiotics. You may need to use addition contraception when you take drugs which can make oral contraceptives less effective.

5. Sexually transmitted diseases
This product (like all oral contraceptives) is intended to prevent pregnancy. It does not protect against transmission of HIV (AIDS) and other sexually transmitted diseases such as chlamydia, genital herpes, genital warts, gonomitea, hepatris B, and syphifis

HOW TO TAKE THE PHI IMPURTANT POWITS TO REMEMBER BEFORE YOU START TAKING YOUR PILLS:

- 1. BE SURE TO READ THESE DIRECTIONS:
- Before you start taking your pits
 Anytime you are not sure what to do.
 2. THE RIGHT WAY TO TAKE THE PILL IS TO TAKE ONE PILL EVERY DAY AT THE
 SAME TIME.
- NAME TIME.
 If you mass pills you could get pregnant. This includes starting the pack late.
 The more pills you mass, the more tikely you are to get pregnant.

 MANY WOMEN HAVE SPOTTING OR LIGHT BLEEDING, OR MAY FEEL SICK TO THEIR STOMACH DURING THE FIRST 1-3 PACKS OF PILLS.
- It you feel sick to your stomach, do not stop taking the pill. The problem will assistly go away, it it doesn't go away, check with your doctor or clinic.

 MISSING PILLS CAN ALSO CAUSE SPOTTING OR LIGHT BLEEDING, even when you
- make up these missed pills. On the days you take 2 pills to make up for missed pills, you could also leet a little suck to your stomach.

 If YOU HAVE VOMITING OR DIARRHEA, for any reason, or If YOU TAKE SOME MEDICINES, including some antitrodes, your pills may not work as well use a back-up method (such as condoms, foam, or sponge) until you check with the defendence of the condoms.
- your doctor or clinic.

 6. If YOU HAVE TROUBLE REMEMBERING TO TAKE THE PILL, talk to your doctor or clinic about how to make pill-lating easier or about using another method of birth.

7 IF YOU HAVE ANY QUESTIONS OR ARE UNSURE ABOUT THE INFORMATION IN THIS LEAFLET, call your doctor or clinic

BEFORE YOU START TAKING YOUR PILLS:

1. DECIDE WHAT TIME OF DAY YOU WANT TO TAKE YOUR PILL It is important to take it at about the same time every day.

2. LOOK AT YOUR PILL PACK TO SEE IF IT HAS 21 OR 28 PILLS:
The 21-off park has 21 "active" [rose-colored] pits (with hormones) to take for 3 weeks. Tollowed by 1 week without pits.
The 28-mit pack has 21 "active" [rose-colored] pits (with hormones) to take for 3 weeks. Tollowed by 1 week of remnder [white] pits (with normones):

3. ALSO FIND:

11 where on the pack to start taken the nile.

I) where on the pack to start taking the pills.

2) in what order to take the pills (follow the arrows) and

3) the week numbers printed on the pack.

28 Pill Pack Rosa-coine tablets White tablets

BE SURE YOU HAVE READY AT ALL TIMES: ANOTHER KIND OF BIRTH CONTROL (such as condoms, toam, or sponge) to use

AND IHER KIND DE BIRTH CONTROL (such as condorns, toam, or sponge) to use as a back-up or case you make pills.

AN EXTRA FULL PILL PACK.
WHEN TO START THE FIRST PACK OF PELLS:
You have a choice of which day to start taking your first back of pils. Decide with your doctor or clinic which is the best day for you. Pack a time of day which will be easy to

DAY 1 START:

- Pick the day label strip that starts with the tirst day of your period (this is the day you start bleeding or spotting, even if it is atmost indiringful when the bleeding begins.)
 Place this day label strip on the cycle tablet dispenser over the area that has the days of the week (starting with Sunday) printed on the bister card.

Pick Correct Day Label THU FRI SAT SUN MON TUE WED

Peel and place tabel here.

- Note: If the first day of your period is a Sunday, you can skip staps #1 and #2.

 3. Take the first "active" [rose-colored] pell of the first pack during the first 24 frours of
- Your period.

 4. You will not need to use a back-up method of birth control, since you are starting the pill at the beginning of your period.

 SURBAY START:
- Take the first "active" (rose-colored) pdf of the first pack on the <u>Sunday after your</u> <u>neriod starts</u>, even if you are still bleeding. If your period begins on Sunday, start the oack that same day
- pack that same day.

 2. Use another method of birth control as a back-up method if you have sex anytime from the Sunday you start your first pack until the next Sunday (7 days). Condoms, foam, or the sponge are good back-up methods of birth control. WHAT TO DO DURNING THE MONTH.

 1. TAKE ONE PILL AT THE SAME TIME EVERY DAY UNITEL THE PACK IS EMPTY.

Do not skip pids even if you are spotting or bleeding between monthly periods or feel sick to your stomach (nausea)
Do not skip pids even if you do not have sex very often.
WHEN YOU FINISH A PACK OR SWITCH YOUR BRAND OF PILLS:
Zigils:
Wat 7 days to start the next pack. You will probably have your period during that week. Be sure that no more than 7 days pass between 21-

day packs.

28 <u>Bills</u>: Start the next pack on the day after your last "reminder" pill. Do not wait any days between packs.

WHAT TO DO IF YOU MISS PILLS:

WMAY 10 DO BY YOU MICES PILLY
If you MISS 1 (rose-cotored) "active" pill.

1. Take it as soon as you remember. Take the next pill at your regular time. This means you take 2 pills in 1 day.

2. You do not need to use a back-up birth control method if you have sex.

If you MISS 2 (rose-colored) "active" pills in a row in WEEK 1 OR

- WEEK 2 of your pack:

 1. Take 2 palls on the day you remember and 2 palls the hext day.
- 1. Take 2 pits on the day you intribute and a person of the pack.
 2. Then take 1 pill a day until you finish the pack.
 3. You MAY BECOME PREGNANT if you nave sex in the 2 days after you miss pills. You MUST use another birth control method (such as condoms, foam, or sponge) as a
- back-up method for those 7 days.
 If you MISS 2 [rose-colored] "active" pilts in a row in THE SRD WEEK:

- If you are a Day 1 Starter.

 THROW CUT the rest of the piti pack and start a new pack that same day.

 If you are a Sunday Starter.

 If you are a Sunday Starter.

 If you are a Sunday Starter.

 Yeep taking 1 pat every day until Sunday.

 On Sunday, THROW CUT the rest of the pack and start a new pack of pitis that same.
- You may not have your period this month but this is expected. However, if you miss
 your period 2 months in a row, call your doctor or clinic because you might be preg-
- nant. 3
 You MAY SECOME PREGNANT if you have sex in the 7 days after you miss pills.
 You MAUST use another birth control method (such as condoms, loam, or sponge) as a back-up method for those 7 days.
 If you MISS 3 OR MADRE [rosa-colored] "active" pills in a row (during the first 3 weeks).
 If you are a Day 1 Starter.
 THROW OUT the rest of the pill pack and start a new pack that same day.

 Missen are a Sunday Starter.

N year are a Sunday Starter.
Keep taking 1 pril every day umil Sunday.
On Sunday, THROW OUT the rest of the pack and start a new pack of puls that same

On Sunday, THROW OUT the rest of the pack and start a new pack of bills that same day.

You may not have your period this month but this is expected. However, if you mays your period 2 months in a row, call your doctor or chinc because you might be preparant.

You MAY BECOME PREGMANT if you have sex in the 7 days after you miss pills, You MILST use another birth control method (such as condoms, foam, or sponge) as a back-up method for those 7 days.

You MILST 30 R BIOTE [rose-colored] "active" pills in a row (during the first 3 weeks) in your as Bankery Starter.

THROW OUT the rest of the pill pack and start a new pack that same day.

If you are a Saudilly Starter.

Keep takend 1 pill every day until Sunday.

On Sunday, THROW OUT the next of the pack and start a new pack of bills that same day.

day.

2. You may not have your period this month but this is expected. However, d you miss your period 2 months in a row, call your doctor or clinic because you might be pregnant.

nam.
You MAY BECOME PREGNANT if you have sex in the 7 days after you miss oits.
You MUST use another pirth control method (such as condems, foam, or sponge) as a back-up method for those 7 days.

A REMIDIDIER FOR THOSE ON 28 DAY PACKS:

If you turget any of the 7 [white] "reminder" pills in Week 4: THROW AWAY the pills you missed. Keep taking 1 pill each day until the pack is empty.

You do not need a back-up method

FINALLY, IF YOU ARE STILL NOT SURE WHAT TO DO ABOUT THE PILLS YOU HAVE MISSED:

MIASED:
USe a BACK-UP METHOD anytime you have sex
KEEP TAKING ONE [rose-colored] "ACTIVE" PILL EACH DAY until you can reach your doctor or canic.

PREGISANCY DUE TO PILL FAILURE
The incidence of pill failure resulting in pregnancy is approximately one percent (i.e., one pregnancy per 100 women per year) it taken every day as directed, but more typical takure rates are about 3%, it taken every day as directed, but more typical takure rates are about 3%, it taken every day as forested, but more typical takure rates are about 3%, it taken every day as forested, but more typical takure rates are about 3%.

PREGNANCY AFTER STOPPING THE PILL

Principality in control of the Principality of the Principality of the Principality of the Control of the Principality of the Principality of the Control of the Principality of the

these, it may be arreased to possible to discipling this you obegin members and property by once you have stopped taking the pill and desire pregrancy.

There does not appear to be any increase in birth defects in newborn babies when pregnancy occurs soon after stopping the pill.

OVERDORAGE

OVERTUREMENT
Sentous dil effects have not been reported following ingestion of large doses of oral con-traceptives by young children. Overdosinge may cluste nausea and withdrawal bleeding in termines, in case of overdosinge, contact your doctor, clinic or pharmacist.

OTHER INFORMATION

OTHER INFORMATION

Your doctor or clinic will take a medical and family fusiony before prescribing oral contraceptives and will examine you. The physical examination may be delayed to another time if you request it and your doctor or clinic believes that it is a good medical practice to postpone it. You should be reexamined at least once a year. Be sure to inform your doctor or clinic if there is a tamily history of any of the conditions listed previously in this leaflet. Be sure to keep all appointments with your doctor or clinic because this is a time to determine if there are early signs of side effects of oral contraceptive use. Do not use the drug for any condition other than the one for which it was prescribed. This drug has been prescribed specifically for you; do not give it to others who may want birth control polis.

HEALTH REWEFITS FROM ORAL CONTRACEPTIVES

- NEALTH BENEFITS FROM the CONTRACEPTIVES
 In addition to preventing pregnancy, use of combination oral confraceptives may provide certain benefits. They are:

 metistrual cycles may become more regular

 blood flow during menistruation may be lighter and less iron may be lost. Therefore, anema due to aron deficiency is less fixely to occur

 pain or other symptoms during menistruation may be encountered less frequently.

 cottopic (bush) preparatory may occur less frequently.

 one contraceptive use may broade some protection against developing two forms of cancer; cancer of the ovaries and center of the inting of the uterus.

If you want more information about birth control pills, ask your doctor, clinic or pharmacist. They have a more technical leaflet called the Professional Labeling, which you may wish to read. The Professional Labeling is also published in a book entitled *Physicians Desk Reference*, available in many book stores and public libraries.

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